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The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 3216
VOL. CXXXV

SEPTEMBER 27, 1941

Annual Subscription (with
Diary) 25/-. Single Copies 9d.

THERAPEUTIC DISCOVERIES

attain full significance only when their wide clinical application is realised. The problems of large-scale production and distribution depends upon adept research, experience in manufacturing, and facilities for placing the new drug at the disposal of every physician. Lilly possess ample facilities for research and great experience of manufacturing. The Lilly policy ensures the participation of the pharmacist in the important task of distribution.

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A reputation consistently maintained for three-quarters of a century is the best safeguard in times of stress."

For 75 years a policy of supplying only the finest pharmaceutical preparations at reasonable prices has been consistently maintained.

**BULK DRUGS ★ DISINFECTANTS
TOILET PREPARATIONS ★
★ PACKED PHARMACEUTICALS**

WRIGHT, LAYMAN & UMNEY

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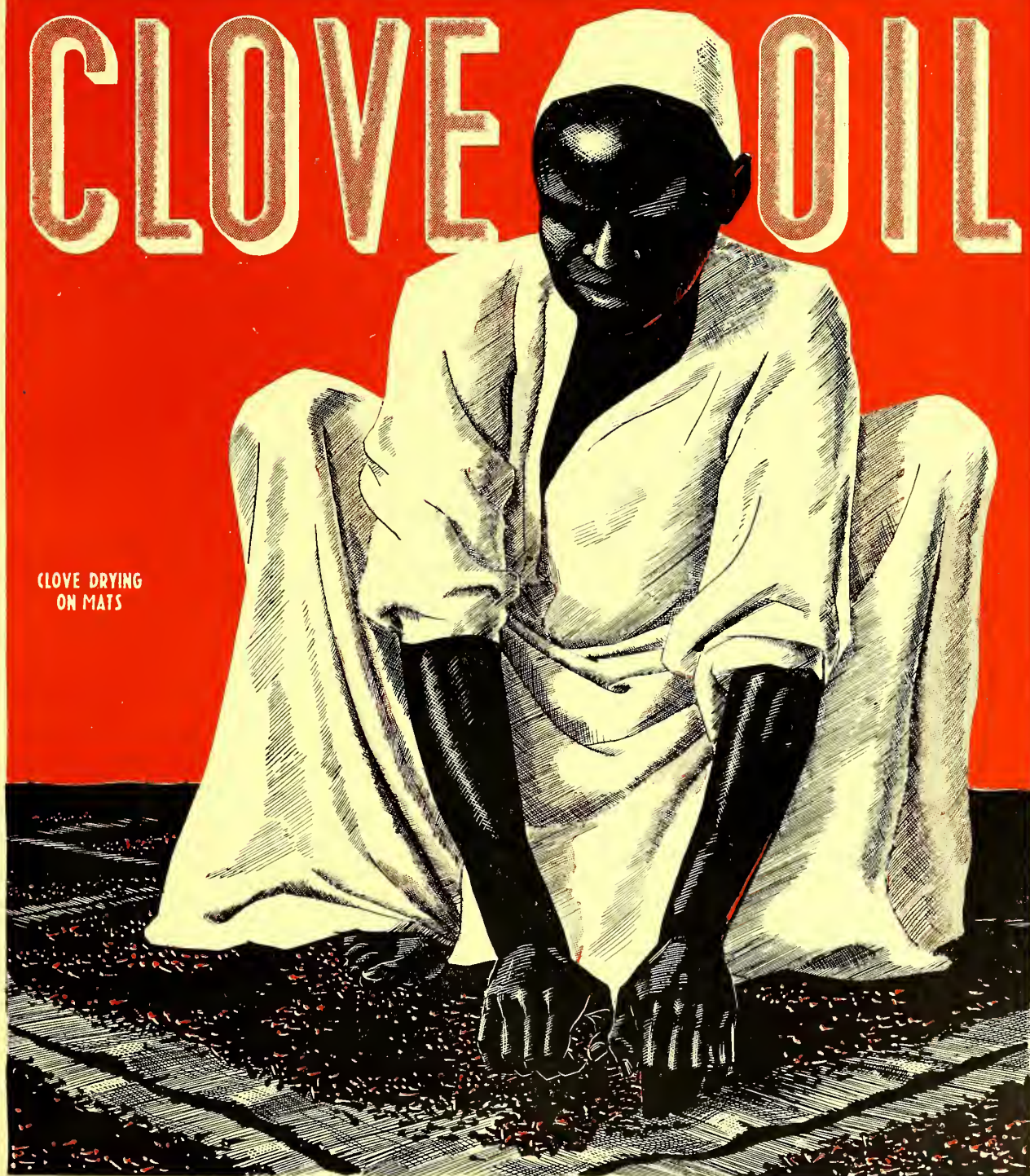
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CHEMIST...'*



IN our press advertisements we advise women to ask their chemist for a free copy of "Hygiene for Women" by Nurse Drew.

50,000 direct applications prove women are vitally interested in feminine hygiene.

If you have not a good supply of these popular booklets for counter display then you are not getting your share of the ever-growing demand for the various Rendells Products.

Why not write us to-day for a supply of Booklets and our latest Chemist Display Aid?

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Crookes' Collosol products are extensively used by the medical and nursing professions, and are also extensively prescribed by doctors for home treatment.

Outstanding in the range are calcium, manganese, argentum and iodine. There is a large and regular demand for all of these. So write to us for full details of packings, and prices.



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... HERE IS THE NEWS!

Tell them about the **PROPAX**
BONUS OFFER



A clear profit margin of more than 46% on the selling price—that's the big news for you from SPLENDOR LTD. From now on you get fifteen bottles of Propax for the price of every dozen ordered—and no extra cost to you except for purchase tax. And your customers get some good news too—every bottle of Propax in the 1/5d. size will be carrying 33 1/3% more tablets. And we're taking space in a bigger list of national papers than ever before to bring you this extra business—and the extra profit that goes with every sale!

Retail (inc. Tax)	Trade.	Purchase Tax.
1/5	11/3 doz.	2/- doz.
2/6	19/3 doz	3/3 doz.

PLUS BONUS OF 3 (Tax only) on every dozen.

Sole Distributors: **SPLENDOR LTD.,**
5 BEASTMARKET HILL, NOTTINGHAM
and 7c Lower Belgrave Street, London, S.W.1

PROPAX Tablets

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**Continuous and Steadily Advertised Goods
FOR DESTROYING RATS AND MICE****DANYSZ VIRUS**

Retail Price (Protected)	Net Wholesale Price
Virus for Rats and Mice, single tube, 2/-	15/- per doz.
3 tubes, 5/-	
Virus for Mice only single tube, 1/6	9/-
3 tubes, 3/-	

Date-expired tubes returned to us postage paid will be exchanged free of charge.

Danzysz Virus in Liquid Form

Retail Price	Wholesale Price
Bottles 6/- each	4/6 each
4/6	3/9

**HALLER'S EXTRACT OF SQUILL
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Discount off Retail Prices 25% Monthly Account, or 33 1/3% Cash

	Retail	with Order	Monthly A/c	Cash with Order
1/2 gall. tins	10/-	7/6	6/8	
1 " "	18/-	13/6	12/-	
5 " "	80/-	60/-	53/4	

DANZO BEETLE POWDER

For destroying Blackbeetles, Cockroaches, Crickets, &c.	
Retail Prices (Protected)	Wholesale Prices
In cartons 9d each	6/9 per doz.
1/6 " "	13/6
3/- " "	27/-

" Danzo Beetle Powder will not deteriorate by keeping."

CARRIAGE PAID ON ALL ORDERS

To be obtained from

HALLER LABORATORIES, LTD.

325 Borough High Street, LONDON, S.E.1

Telegrams: "Virudana, Sedist, London."

Telephone: Hop. 2717

One size only for FAREX**the new 10oz. carton... to simplify distribution**Every saving that *can* be made in production, in transport and in correspondence, *must* be made.

Farex is now issued in one size only, a new 10 oz. carton. This new pack, replacing the former 1/2 lb. and 1 lb. sizes, represents a considerable saving on several of the above counts; a saving, incidentally, that helps us to keep the price of Farex down to its present low level. At the price of 1/3 for the 10 oz. carton, the cost per ounce is the same as in the popular 1/2 lb. carton.

Farex Display Parcels Nos. 0, 1, 2 and 3 are withdrawn. A new parcel, No. 4, is being introduced, but distribution will at first be gradual. Until you receive our announcement of the new parcel, please order smalls only from your wholesaler. Supplies are limited, but the position will soon improve. *No orders or reservations for Farex can be accepted at Greenford.*

(Orders for all other display parcels * of Glaxo products, and for 2 and 4 dozen Ostermilk, should be sent direct to us at Greenford, naming the wholesaler through whom the goods are to be invoiced).

* Special arrangements apply in Scotland.

GLAXO LABORATORIES LIMITED, GREENFORD, MIDDLESEX. BYRON 3434

WAR-TIME MARKET NEWS

summarising war-time opportunities, special notices, new packaging and new products

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Beaulah's

FAMOUS
MALTED
MILK



FOR ALL THE PEOPLE
WHO WANT IT

Our policy therefore is to endeavour
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In two popular sizes only during
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We offer you a service second
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Economy Labels
Cartons for Saccharin
Pockets for Saccharin

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BURGE, WARREN & RIDGLEY Ltd.

are now at 14 ARCHWAY ROAD
HIGHGATE, N.19, and wish to express
their gratitude to all their friends for the
sympathy and kind consideration they have
received since their premises in Saffron Hill
were destroyed by fire. Although many
difficulties arise in securing fresh stocks,
Burge, Warren & Ridgley Ltd. are deter-
mined to keep the "flag flying" and with
the kind indulgence of their customers they
are confident of establishing again a service
worthy of their high reputation.

THE PUBLIC WANT THE

VERET Electric

THERMOSTATICALLY CONTROLLED
BED WARMER
1940-41 SALES HIGHEST EVER!
150 hours to consume 1 unit of current

At this negligible cost the 'Veret' may be left switched
on indefinitely to warm the spare bed, linen cupboard
or shelter bunk. Fitted with E.P.F. Safety Fuse,
ensuring 100% safety. Shockproof, foolproof,
guaranteed one year.

Retail Price: With uninkable flex 19/6;
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Trade terms on application to the Manufacturers:—
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and Beauty Aids**

BLUE AND GOLD LABEL
MADE IN ENGLAND

All enquiries to:—

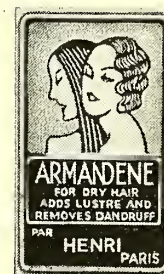
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Own name and stock
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tained from the usual wholesalers, or direct
from the Manufacturers. Attractive display
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and
Quality

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BORACIC, ZINC, SULPHUR
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Please state quantities

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Manufacturing Chemists
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Over **100** Years
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World-wide Service
and
Progress



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& CO. LIMITED

BRIGHTON

MANUFACTURING
CHEMISTS
SINCE
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Specialists in the
manufacture of
PILLS and TABLETS
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'Own Name' Formulae
•
Packed Goods

'V'

**Sell Quality
and you sell
Satisfaction**

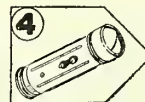
You need have no doubts about the fine quality of these torches—all are British Made, are fully tested in our warehouse before despatch, and we will replace or substitute any item of which you do not approve if returned within seven days.

Ideal moulded "Midget Torch." Takes 1-cell No. 8. Flash or permanent contact. Assorted colours. Carded in 12's. 4/6 doz.



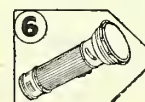
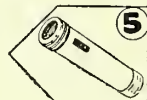
Attractive moulded Torch Case in assorted colours. Takes No. 8. Fitted patented "Slotted Mask" conforming to regulations. Carded in 6's. 10/6 doz.

Beautifully finished moulded Pen Torch Case fitted with pocket clip. Takes standard 2-cell Pen Battery. 15/- doz.



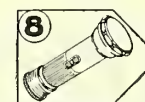
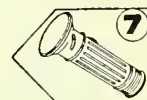
Metal Torch Case, Chrome finish, slide switch, fitted patented "Slotted Mask" conforming to regulations. Takes No. 8. 9/6 doz.

Well-made metal Torch Case, nickel plated. Slide switch. Takes two U.2 cells. Recommended for hard wear. 20/- doz.



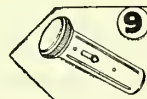
Extra quality N.P. Torch Case, focusing with slide switch. Takes two U.2 cells. Ideal for customers who want the best. 30/- doz.

Nickel plated on BRASS focusing Torch Case with slide switch. Takes No. 8 battery. 12/- doz.



Well-finished nickel plated focusing Torch Case. Takes No. 8 battery. 9/- doz.

Handy and sturdy plain non-focusing Torch Case. Takes No. 8 battery. A good line for your low-priced trade. 8/6 doz.



Metal Cycle Lamp with rear light connection. Regulation shade. Takes No. 800 battery. Also ideal for A.R.P. use. 30/- doz.

No.'s 1-5 do NOT include bulb or battery.
No.'s 6-10 include bulb but NOT battery.

FLASH LAMP BULBS (Foreign)

1.5 V. spot clear 11 m/m 0.20 amp. 12/6 per 100.
2.5 V. spot clear 11 m/m 0.20 amp. 9/- per 100.
3.5 V. spot clear 11 m/m 0.20 amp. 10/- per 100.
6 V. dynamo bulbs 15 m/m 0.30 amp. 25/- per 100.
All these bulbs are tested before despatch and bear label on box to that effect.

TERMS: All goods sent ex warehouse and carriage forward. Despatch on receipt of order when accompanied by cash which earns 3½% discount. C.O.D. 2½% discount. Purchase Tax extra unless you are registered in which case please quote number. Registered Factors under P.T. allowed usual Factors' discounts

SAMS
DISTRIBUTION, LTD.

7 Southampton Pl. London W.C1. Tel: HOLborn 7080

TO DEALERS AND STOCKISTS

of COTY products

LIPSTICK REFILLS purporting to fit Coty Lipstick Cases are being made by a number of unknown manufacturers. These are being sold by Dealers and are finding their way back to us through the public in the form of complaints of bad quality. In the interest of goodwill between customers, dealers and manufacturers, we request all concerned to do their part in checking this substitution. Such substitute refills carry no guarantee of immunity for the dealer, if any action is brought up on medical grounds by a member of the public. A warning is being inserted in the National Press, guarding women against purchasing these imitations on the grounds of

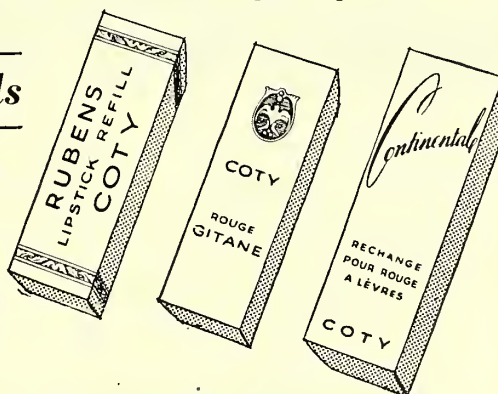
The poor quality of the product, and the excessive prices being charged.

We ask all dealers to warn their customers that genuine Coty Refills are only sold in their original cartons, as illustrated, and Coty cannot be held responsible for Lipstick Refills purchased out of these recognised packs.

COTY lipstick refills

**COTY REFILLS ARE STILL SOLD AT THE
SAME PRE-WAR PRICES AND THEIR
QUALITY REMAINS UNCHANGED**

Refill Rubens (including Purchase Tax)	1/3
Refill Gitane " "	1/6
Refill Continentale " "	1/10



COTY (ENGLAND) LTD., 41 HIGH STREET, LEIGHTON BUZZARD, BEDS.

TELEPHONE : LEIGHTON BUZZARD 2383

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THAWPIT

THAWPIT (PROPRIETARY) LTD., have to announce the following price increases which are made necessary by increased costs of production :

Former 6^d bottle NOW 7½^p

Former 1/- bottle NOW 1/3

THAWPIT (PROPRIETARY) LTD., WOODSTOCK FACTORY, SHEPHERD'S BUSH, LONDON, W.12

CALVERT'S
TOOTH  POWDER
~ for Carefree Teeth!

MODERN LIPSTICK MOULDS

For the large or small manufacturer
Many standard sizes actually in stock

• *Inquiries invited for special models*

KENWAY (MOTORS) **LTD** (ENGINEERS)

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TELEPHONE: KENS. 1311



MAW'S FOR SUNDRIES & PATENTS

Ambuk Acme Garden Aids Wisdom Tooth Brushes A & H Veterinary Cod Liver Oil Anadi
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 pax Ellim F. Forhan's Freezone Fynnion Germolene Gibb' apt Gynomin Bi
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 ay Clem Newstrop Hone Chiver's Carpe ap Cooper's Dog Products De ettol Ve
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 Vit Acme Garden Aids Wisdom Tooth Brushes A & H Veterinary Cod Liver O ion
 Zam adin Angier's Supavite Anti-Kamnia Tablets Anti-Mistant Antiphlogist An
 aks Suppositories Bell's Cat Powders Bengers Food Bengues Balsam Bicki gs
 Anu ts Bile Beans Bisodol Bond's Marking Ink Calox Calvert's Carter's Ce 10
 Pro

MERITOR CHEMISTS SUNDRIES

MAW'S SURGICAL DRESSINGS

FINE RANGE OF PATENTS

● OFFERED TO MAW'S

REGULAR CUSTOMERS ONLY

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TELEPHONE:—BARNET 5555.

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By Appointment

VINOLIA SOAPS

further important ANNOUNCEMENT

We desire to ensure the widest possible distribution of the two Vinolia soaps most popular with the public; our allotment of oils and fats will therefore be absorbed in the production of VINOLIA TOILET and VINOLIA BABY SOAPS. The high standard of quality of these two famous soaps will be most carefully maintained.

On and after September 29th, by direction of the Government, all Toilet Soaps when manufactured are to be a standard weight of 3 ounces. This reduction in weight will permit a slightly larger output of tablets to be sold at the following reduced prices:—

Specification	Per Gross tabs.	Purchase Tax	Retail
Vinolia Soap	* 47/-	15/3	6½d per tab.
Vinolia Baby Soap	* 50/6	16/5	7d per tab.

* Subject to up to 10% & 2½%

Supplies invoiced prior to Sept. 29th must be sold at the old rates.

Visitor's and Guests' tablets will be discontinued but, subject to manufacturing conditions, the 6 oz. VINOLIA BATH tablet will be available without change.

VINOLIA CO., LTD., BEBINGTON, CHESHIRE.

VT/196/130

★ **ONE SIZE - ONE PRICE
FOR THE DURATION**



In the interests of national economy, Tangee Face Powder will for the duration be sold only in this "new" size, containing twice the amount of powder than the former 7½d. round container.

QUALITY UNCHANGED — SHADES AS USUAL

Naturelle, Light Rachel, Rachel, Peach, Ochre and Sun Tan

Trade Price 6/- doz. (Tax extra 2/- doz.)

Note: No change in price of TANGEE LIPSTICKS, LIPSTICK REFILLS and ROUGE COMPACTS.

Eucryl Dentifrices



TOOTH POWDER



DENTURE POWDER

**BOUGHT ON
DISPLAY TERMS
YIELD -
PROFIT ON SELLING
PRICE**

39%

**PROFIT ON BUYING
PRICE**

63.6%

**SHOWCARDS ON REQUEST
EUCRYL LTD.
Manufacturing Chemists
SOUTHAMPTON**



**IMPORTANT ANNOUNCEMENT
ABOUT**

TRADE **Vaseline** MARK
BRAND
PETROLEUM JELLY

THE Chesebrough Manufacturing Company Ltd. beg to advise the Trade, both Wholesale and Retail, that as their previous stocks of pre-war sizes of tins of 'Vaseline' Brand Petroleum Jelly become exhausted they will be replaced by the new standard 1½ oz. size tin 'Vaseline' Brand Yellow Petroleum Jelly, which corresponds in weight to their previous No. 2 size and will be listed as No. 2 size.

The Wholesale and Retail price list will, therefore, remain as at present, i.e. Wholesale 27/- per gross (less usual discounts) to retail at 3d. per tin, plus Purchase Tax.

* * *

The pre-war tin of 'Vaseline' Brand White Petroleum Jelly will be replaced by the 1 oz. standard size tin, which, owing to the increased content, will be advanced to 31/6 per gross (less usual discounts). This will retail at 3½d. per tin, plus Purchase Tax.

The above sizes will be packed in ¼ gross containers.

**CHESEBROUGH MANUFACTURING CO. LTD.,
VICTORIA ROAD,
WILLESDEN JUNCTION, N.W.10**





ZEAL

Clinicals

The Choice
of Experts

BRITISH
MADE

NO HIGHER
IN PRICE THAN
NONDESCRIPT
MAKES

Also Household, Bath
and Works Thermometers,
the best of their kind

G. H. ZEAL LTD.
LOMBARD RD., MORDEN RD.,
LONDON, S.W.19
Phone: Liberty 2283-4-5

ARTHUR BERTON LTD.

"BRITANNIA HOUSE"

256/260 Old Street, London, E.C.1

have been, for over

90 years,

specialists in the

manufacture of

**SURGICAL
DRESSINGS**



**IN YOUR OWN INTERESTS AND THOSE OF THE NATION GENERALLY YOU
SHOULD BE STOCKING—**

PLASTRIP *First-Aid*
ANTISEPTIC
SELF-ADHESIVE
BANDAGE

PLASTRIP BONUS. Chemists only.
Shows 16/- profit on 24/- outlay
8 x 1" (3d.) and 4 x 2" (6d.)
Selling at 4/-. Supplied on dis-
play cards or counter display boxes

Manufactured by
DUKE PHARMACEUTICAL CO., LTD.
DUKAL WORKS, BANK HALL, SAWLEY, CLITHEROE, LANCASHIRE




MILLAMALT *The* TONIC
MALT FOOD

Sole Manufacturers,
JEFFREYS MILLER & Co. Ltd. Leyland Mills, WIGAN, London Dept. 19 Brookside Road, N.19

With Guaranteed Complement of Vitamins A, B, C & D



WHOLESALE & EXPORT ONLY

HYPODERMIC NEEDLES
OF ALL DESCRIPTIONS

**S. & R. J.
EVERETT
& CO., LTD.**

Original makers of
STAINLESS STEEL NEEDLES
OUR SPECIALITIES INCLUDE THE
ORIGINAL RECORD FITTING AND N.H.I.
SPECIFICATION HYPODERMIC NEEDLES.
Also the Famous 'SUMMIT' hypodermic
needles now ALL BRITISH MADE.
Comprehensive catalogue sent on request.
Telephone: Thornton Heath 3252-3.

939, LONDON ROAD,
THORNTON HEATH, LONDON, S.W.16

SPECIALISTS IN THE MANUFACTURE OF

TABLETS & PILLS



SINCE

1860

Also... AMPOULES · EMULSIONS · EXTRACTS
INFUSIONS · OINTMENTS · SUPPOSITORIES.
PROPRIETARY AND OWN FORMULA PILLS AND TABLETS

*We invite enquiries from Wholesalers and Exporters for all
classes of Pharmaceutical Preparations in bulk or packed*
RICHARD DANIEL & SON, LTD, DERBY.



MAZDA
THE
NATION'S
LIGHT



3924

BTH for all Electrical Plant and Equipment
THE BRITISH THOMSON-HOUSTON CO., LTD., CROWN HOUSE, ALDWYCH, LONDON, W.C.2

'One fire free in every three'

A sales-pulling slogan that, but it is much more, it epitomises the national worth of



There is no house where the economy, the efficiency, the convenience of "Loganite" will not appeal for the following very human reasons—

1. **LOGANITE** saves $\frac{1}{3}$ rd the cost of coal, coke, anthracite, etc.
2. **LOGANITE** makes 2 cwt. go as far as three.
3. **LOGANITE** makes poor quality coal burn well.
4. **LOGANITE** makes the coal ration go half as far again.
5. **LOGANITE** is so cheap that a 6d. packet treats 2 cwt.

These facts have been proved under severe test by many of the nation's largest industrial and commercial enterprises.

Compelling advertising throughout the country in over 200 newspapers, magazines, etc., and in 500 cinemas by means of a Film of dynamic interest and conviction.

An unusual line for the chemist in keeping with the unusual times—but it's a good line too. Our last Advt. brought in many valuable orders.

USUAL TRADE TERMS

BE READY—Stock liberally—ORDER NOW

Sole Manufacturers

LOGANITE PRODUCTS LIMITED
GRAND BLDGS., TRAFALGAR SQ., W.C.1

The small pack that 'goes over in a big way!'



★ It doesn't make much demand on your space—the Tampax carton—but see what it does for your sales! During the last half year more than a million Tampax have brought extra profits to the dealers who display them.

★ The biggest business goes to the man who puts Tampax in the middle of his window. Where Tampax is seen, it sells. There's no reason why all that turnover should go past your door—better let Tampax bring it inside!



★ Every day's a busy day for your cash register when Tampax arrives. And remember Tampax is no "one-sale" line. Every new Tampax customer means regular repeat business. Go out for those new Tampax customers. (They've money to spend on other lines as well!)

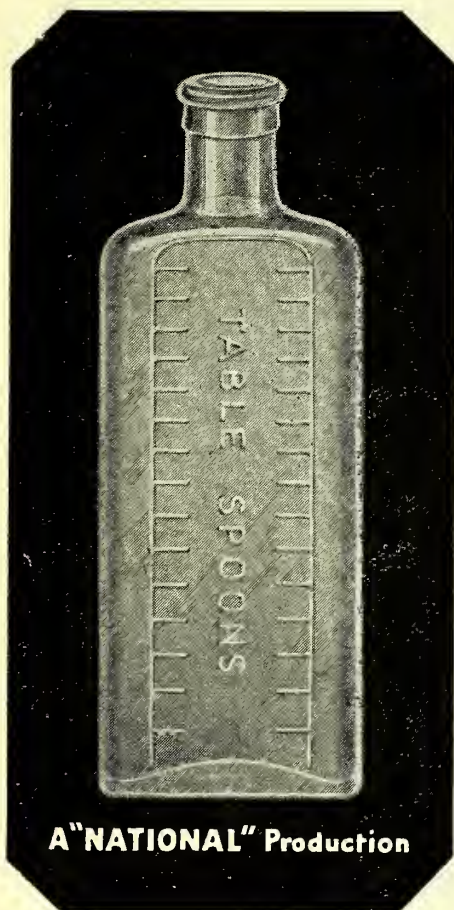
TAMPAX TRADE TERMS

(P.A.T.A. PRICES)

★ PACKETS OF 3	Wholesale 5/3 DOZ.	Retail 7d. PACKET
★ PACKETS OF 6	Wholesale 10/6 DOZ.	Retail 1/2 PACKET
★ PACKETS OF 10	Wholesale 15/9 DOZ.	Retail 1/9 PACKET
★ PACKETS OF 40	Wholesale 54/- DOZ.	Retail 6/- PACKET

Manufactured in England by Tampax Ltd., Belvue Rd., Northolt, Middx.

Sole Distributors: SPLENDOR LTD., 5 Beastmarket Hill, Nottingham, & 7c Lower Belgrave Street, London, S.W.1



"National" Dispensing Bottles

are Strong, Serviceable and Sure-sealing!

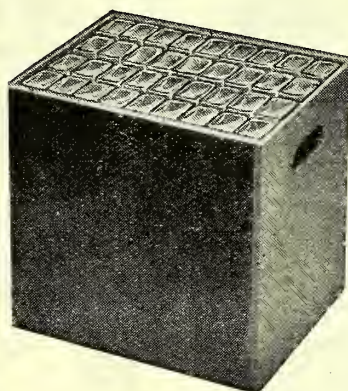
**NEATLY PACKED IN 6 DOZEN
NON-RETURNABLE CARTONS**

- ★ CONVENIENT IN SIZE
- ★ EASY TO HANDLE
- ★ UNIFORM IN QUANTITY

ALSO . . . Cork mouth bottles
WASHED & PAPERED
Screw mouth Bottles
WASHED & CAPPED

SCREW CAPS SUPPLIED in

WHITE - ENAMELLED TIN PLATE
BLACK BAKELITE MOULDED



Vials

HAVE YOU GOOD STOCKS OF
"NATIONAL" VIALS?

Ranging in size $\frac{1}{2}$ oz. up to 3 oz.
Plain or teaspoon graduations
Medium and tall types

MANUFACTURED IN BEST QUALITY
WITE FLINT, AND PACKED IN FREE
NON-RETURNABLE CARTONS



May we advise Name and Address of nearest "NATIONAL" distributor?

NATIONAL GLASS WORKS (YORK) LTD.

WORKS: FISHERGATE, YORK
Telephone: York 3021

LONDON OFFICE: 105 HATTON GARDEN, E.C.1
Telephone: Holborn 2146

WHOLESALE ONLY

3 CERTAIN SELLERS!

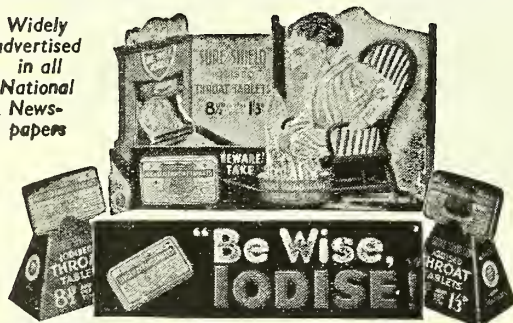
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FRUIT LAXATIVES



THE POPULAR LAXATIVE
IN CONSTANT DEMAND

"SURE-SHIELD"
IODISED THROAT TABLETS

Widely
advertised
in all
National
News-
papers



FULL RANGE OF NEW DISPLAY MATERIAL

FRIAR'S BALSAM LOZENGES



A distinctive
Winter Lozenge
prepared with
Aromatic Gums,
Palatable, De-
mulcent and
soothing

A WONDER-
FUL LOZENGE
FOR REPEAT
SALES

THE PACK & DESIGN MAKE AN OUT-
STANDING WINDOW OR COUNTER
DISPLAY

Full details and terms from:—

THOS. GUEST & Co. LTD.

MANUFACTURING CHEMISTS
CARRUTHERS ST., MANCHESTER 4
London—15-16 Jewry St., E.C. 3

BRITISH MADE



BY TEST
THE BEST

"HELLA"
LATEX PREVENTIVES

HELLA PREVENTIVES ARE HOT VULCANISED AND WILL
KEEP FRESH IN STORE FOR 3 YEARS IN ANY CLIMATE

24/- PER GROSS
PACKED IN
WALLETS OF THREE
SPECIAL TERMS FOR QUANTITIES

WASHABLES AND BULK GOODS AVAILABLE
WHOLESALE AND EXPORT ENQUIRIES
INVITED

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"MANOIDS"

THE POTENT BRAIN & NERVE TONIC
FOR MEN

1/3 doz. - 7/6 doz.
2/3 - 13/6

THE
Acton Pill & Tablet Co. Ltd
ASH VALE, SURREY.

FROM ALL SUNDRIES
HOUSES, OR—

ORDERS and INDENTS invited from
Dominion, Colonial and Allied Importers
W. H. JONES & Co. (LONDON) Ltd.
BUYERS and SHIPPERS
War-time Address :
20 BOSWORTH ROAD, NEW BARNET
HERTS, ENGLAND

Good! it's

MASON'S
EXTRACT OF HERBS

The
CHEMISTS'
FAVOURITE
for over
75 YEARS

A 9d. bottle makes 6 gallons of
delicious sparkling Mason's Herb
Beer. GOOD PROFITS—QUICK SALES

Write for Trade Terms
NEWBALL & MASON LTD., NOTTINGHAM. Est. 1850

PATTINSON'S BRAND

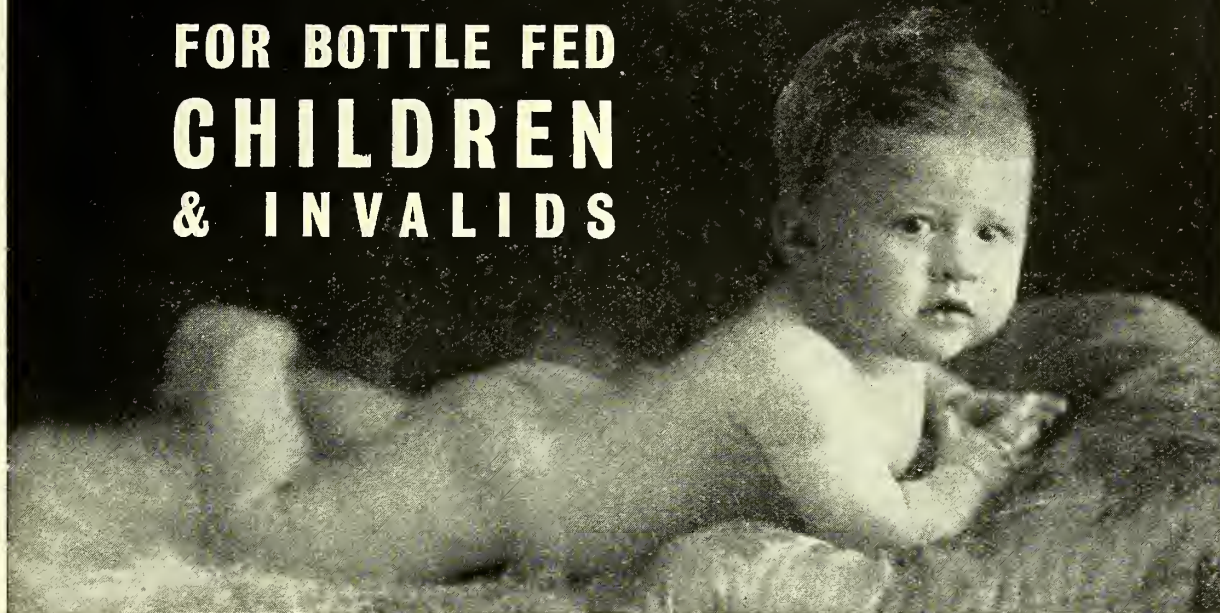
Cream of Magnesia

Ask us to send you 12oz. sample bottle FREE

THE WASHINGTON CHEMICAL COMPANY

BRANCH OF TURNER AND NEWALL LIMITED
Washington Station, County Durham

**FOR BOTTLE FED
CHILDREN
& INVALIDS**



Malted **SLIPPERY ELM FOOD**



HANDSOME SHOWCARDS
SUPPLIED WITH ALL ORDERS

This remarkable food has been described
as the most nourishing in the world. It
has a beneficial and soothing effect in all
cases of Gastritis, Colitis, etc.

In Four Sizes
P.A.T.A.

10½ d.	size	8/- doz
1/9	„	16/6 „
2/3	„	20/- „
4/-	„	36/- „

Free samples for
counter distribution

POTTER & CLARKE LTD

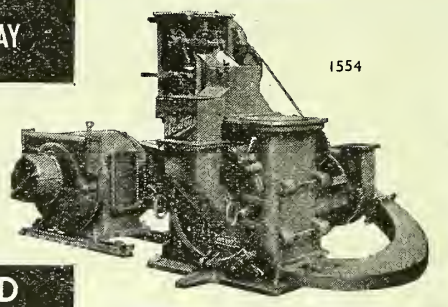
60-64 Artillery Lane, LONDON, E.1
77 Dantzic Street, MANCHESTER, 4

*Phone: BISHopsgate 4761 (6 lines)
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THE SATISFACTORY WAY— THE *Porteus* WAY

GRINDERS

The best way to ensure satisfaction in Grinding is to call in Porteus. Not only do they know exactly what is required but they can and do invariably advise on the very best type for the job in hand. Lengthy experience in design and construction is at your service—why not write now!



1554

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GEORGE PORTEUS & SONS (LEEDS) LIMITED

LEEDS BRIDGE WORKS

Provender Milling Specialists

LEEDS 10.

WANTED URGENTLY

Owing to present abnormal difficulties and with a view to conserving shipping space, a well-known Indian firm is about to commence the manufacture of certain alkaloids such as EPHEDRINE, ATROPINE, etc.

New plant is, at the moment, difficult to secure, but they are open to buy a complete second-hand plant from any British manufacturers who may be closed down owing to lack of raw material. Any manufacturer having suitable plant and equipment for disposal is requested to send details as soon as possible to CDB/760, London Office of this Paper.

MEDICAL PRINTING OF ALL DESCRIPTIONS

ALF. HARRISON & SONS, LTD.
THE CHEMISTS' PRINTERS, BURLEY ROAD, LEEDS.4

THE NATIONAL ASSOCIATION OF OPTICIANS

The next examination will be held at Liverpool in January, 1942

REVISED SYLLABUS, ETC.

SECRETARY, N.A.O., 130 Princes Road, Liverpool, 8

SELL SATISFACTION! SAVE STEEL!

The basis of the Multishave is the smoothest, fastest cutting, most efficient abrasive obtainable. Retail, 1/6 each. 10/- per dozen, plus 3/4 tax. Packed 3 dozen per carton. Smart showcards with each order.

MULTISHAVE

SAFETY RAZOR
BLADE SHARPENER

MULTISHAVE LIMITED, FORTRESS GROVE, N.W.5. Telephone: GULLIVER 1467



The
TOOTH POWDER
with the **SALT
BASE**

Selto is cleaning more teeth in your town than ever before. Advertising now due to appear will further increase the demand. Are you fully stocked?

There is no restriction whatever on supplies of this scientifically prepared Dentifrice. A bonus of 13 to the dozen is offered.

Sold in attractive pastel moulded containers (blue or green) 1/10½.

Refills 1/7 (inc. Tax)

**Stock up for the
INCREASED DEMAND**

ANDREWS DENTAL CO: Hampden Park, EASTBOURNE.

FORSTERS & VAPOURISERS
FENOLIN for Whooping Cough
FLUID
Hall, Forster & Co., Ltd.
Newcastle-on-Tyne.

TRAGACANTH

SPECIALISTS IN B.P. POWDER

Also Technical and Industrial qualities. All Grades of Whole Flakes as imported. Samples and prices on request.

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HARVEY'S Horse Remedies

P.A.T.A. Protected Prices

Supplies through all Wholesale Houses

**HARVEY & CO. (DUBLIN), LTD.,
DUBLIN**



We are going to tell *more* mothers about 'Kepler'

* Beginning in the *Radio Times* on the
18th October we shall advertise
'Kepler' Cod Liver Oil with Malt Extract
in the public press for the first time.



* 'Kepler' Cod Liver Oil with Malt Extract, as every chemist knows, has a reputation of over 60 years' standing for being the finest malt and oil product on the market. The demand for body-building foods this winter will be unprecedented—we are going to meet that demand by advertising 'Kepler' to every mother in the country. The advertising, which will appear regularly throughout the season in such widely-

read journals and magazines as *Good Housekeeping*, *Woman's Journal*, *Radio Times* and many others, will emphasize the simple but all-important fact that—

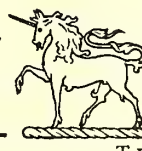
There's FOOD as well as vitamins in 'Kepler'
Your customers will ask for 'Kepler'. Under our revised terms, announced June 1st, 'Kepler' Cod Liver Oil with Malt Extract shows a substantial margin of profit to you, and we are doing all we can to make the sale of 'Kepler' increasingly profitable. Order supplies now! The season will soon begin.



BURROUGHS WELLCOME & CO.

(THE WELLCOME FOUNDATION LTD.)

183-193 EUSTON ROAD · LONDON · N.W.1



T.1

A Message from the House of Yardley

WHY WE STILL ADVERTISE...

Many may say, "Why advertise when there are not enough goods to sell?" Those who have noted and read our advertisements have the answer.

The Public must be told that the shortage of supplies is not the fault of the Trader.

The Public must be informed that the purchase of quality goods is an economy because they last longer.

The Public must be reminded that Yardley will remain the synonym of high-class, quality Perfumery, Cosmetics and Toilet goods.



YARDLEY · SACKVILLE HOUSE · 40 PICCADILLY · W.1



The CHEMIST AND DRUGGIST

For RETAILER — WHOLESALE — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (10 lines)

Emergency Address: THE PITMAN PRESS, LOWER BRISTOL ROAD, BATH

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Branch Offices

MANCHESTER · BIRMINGHAM · GLASGOW · SHEFFIELD · LEEDS · NEW YORK · AUSTRALIA · NEW ZEALAND

NEWS OF THE WEEK

Parcel Post to Turkey.—The Postmaster-General announces that the parcel post service to Turkey, which was recently suspended, has now been restored. The postage rates have been reduced. Details may be obtained at any post office. Parcels may be sent to Turkey only by holders of permits from the Censorship Department.

Miscellaneous Chemicals Control.—The Ministry of Supply announces that responsibility for the following chemicals has now been transferred to the Miscellaneous Chemicals Control, Iron Trades House, Grosvenor Place, London, S.W.1 (Controller, Mr. D. J. Bird): Caustic potash, carbonate of potash, lactic acid and lactates, lithopone, phthalic anhydride and phthalates, maleic acid and anhydride. The transfer of responsibility for titanium dioxide, chromium pigments and compounds and chlorates has already been announced (*C. & D.*, August 30, p. 111). On other miscellaneous chemicals, correspondence should, until further notice, continue to be addressed to the Raw Materials Department, Ministry of Supply, The Castle, Warwick.

War Damage Insurance Policies.—According to the War Damage (Business Scheme) (No. 4) Order (S.R. & O., 1941, No. 1434) dated September 15: The period of insurance specified in every policy of insurance issued for the purposes of the business scheme shall end on December 31, 1941, or March 31, 1942, at the option of the person insured thereby. The premium in respect of any policy of insurance issued for the purposes of the business scheme shall be: (a) in the case of a policy issued in respect of a period of insurance beginning before January 1, 1942, and ending on March 31, 1942, at the rate of three-quarters per cent. of the sum thereby insured or fifteen shillings, whichever is the greater; or (b) in any other case at the rate of three-eighths per cent. of the sum thereby insured or seven shillings and sixpence, whichever is the greater.

Fire Precautions.—The Fire Prevention (Business Premises) (No. 2) Order (S.R. & O., 1941, No. 1411) is in substitution for the original Order governing fire prevention at industrial and business premises. The new Order, which came into operation on September 22, differs substantially from the old on a number of important points, but the general basis remains the same—that is, that occupiers of premises in areas to which the Order has been applied by the Regional Commissioner must make adequate arrangements, which may be on a voluntary or compulsory basis, and notify them to an appropriate authority. As for the workers employed at the premises, unless there is a voluntary arrangement, all men between eighteen and sixty years of age, with certain exemptions, are under an obligation to perform fire-prevention duties up to a maximum of forty-eight hours a month outside working hours. There is an important change at this point. If a man does less than forty-eight hours' duty under the Business Premises Order, he may be required under an amendment of the Compulsory Enrolment Order to make up the balance in the area where he lives. The definition of business premises remains the same except in regard to shops. Under the old Order, premises partly occupied as a dwelling-house and partly as a shop were exempt, but they come under the terms of the new Order.

An important part of the new Order deals with the provision of sleeping, washing, and sanitary facilities. There is now an obligation on the occupier to provide these, whereas formerly this was a matter of recommendation. The provisions for consultation with workpeople have been extended. Occupiers must not only consult their workpeople or their representatives, but it is now their duty, among other things, to supply such representatives with a copy of the fire prevention arrangements to be notified to the appropriate

authority, and a copy must be displayed or otherwise made available for inspection at the premises concerned. Workers may make representations to the appropriate authority, and there are in certain cases rights of appeal. Either occupiers or workpeople may apply to have existing arrangements varied. The new Order establishes subsistence allowances on a fixed scale as follows:—

For a continuous period of fire-prevention duty, outside working hours, not exceeding twelve hours, 3s.

For a continuous period exceeding twelve, but not exceeding eighteen hours, 4s. 6d.

For a continuous period exceeding eighteen, but not exceeding twenty-four hours, 6s. The cost of these allowances will be defrayed by the Exchequer.

The Government are most anxious that the change of system regarding subsistence allowances shall not be taken as an occasion for departing from arrangements which may have been made between occupiers and employees which provide for the payment of allowances at higher rates.

Supplies of Formaldehyde.—The Ministry of Supply announces that the requirements of formaldehyde this season for soil sterilisation appear to be exceptionally heavy, due no doubt to the desire to increase food production. A considerable quantity of material has already been released for September against licence applications, but it has not been found possible to meet entirely the demand for this month. Every effort, however, will be made to cover the needs of the trade for October and early November delivery, but no licences will be issued covering supplies after November. Further information may be obtained from Molasses and Industrial Alcohol Control, Great Burgh, Epsom, Surrey.

Schedule of Reserved Occupations.—The Ministry of Labour and National Service announces that among the changes in the Schedule of Reserved Occupations and Protected Work are the following:—

NEW ENTRIES:

	Stage B	Stage C
Head assembler (wholesale drug trade)	35	35
Supervisor (wholesale drug trade)	35	35
Checker (dangerous drugs and poisons; holds certificate of approval from Home Office) (wholesale drug trade)	35	35

The above entries are not retrospective in their effect: that is, they do not involve the release of men now serving in H.M. Forces or of men who have already received enlistment notices. The reason for reserving these occupations at this date is that the wholesale drug trade has shown that the loss of more of these technical people, who deal with poisons, might constitute a danger to the public. There are 170 men of military age in the occupation out of some 700 aged thirty-five and over.

The Chemist and Druggist.—In order to conform to further restrictions imposed on the use of paper, it has been found necessary to reduce the page size of THE CHEMIST AND DRUGGIST. This change will take place commencing with next week's issue, October 4. To compensate fully for this reduction, the number of editorial pages will be doubled and all features will be maintained at full length.

Chemical Operatives' Agreement.—Following discussions between the National Engineering and Allied Trades Employers' Association and the Chemical Workers' Union, agreements have been signed governing the procedure to be adopted in negotiations affecting Union members engaged on chemical processes in engineering establishments.

Purchase Tax Notice Reprinted.—Notice No. 78, which deals with goods chargeable with purchase tax, issued by the Commissioners of Customs and Excise, has been reprinted, and copies of the new edition will shortly be sent to all registered traders. This notice supersedes Notice No. 78, dated March 1941, and all Press notices regarding the liability of particular classes of goods to purchase tax issued by the Commissioners up to August 31, 1941.

Collection of Rose Hips.—Plans have been made for a national week for the collection of rose hips, to be converted into syrup. The collecting is being organised chiefly through schools, boy scouts, girl guides, and women's institutes. The collecting organisations will supply the hips in bulk to firms who have agreed to pay 2s. for 14 lb. (minimum 28 lb.), carriage forward. It is hoped that some 500 tons will be converted into syrup, which will be marketed at a reasonable price.

Control of Exports.—The Board of Trade has issued the Export of Goods (Control) Orders, Nos. 32 and 33 (S.R. & O., 1941, Nos. 1344 and 1427, respectively). The effect of the former is to insert in Group 11, invalid carriages A, and in Group 12, knives A, scissors A, razors A, hair clippers A. The effect of the second Order is to include in Group 1 beverages (other than beer, spirits and wines) and preparations suitable for use in making such beverages A; and to delete the item "Fruit juices A" and substitute therefor the item: "Fruit juices (including concentrated fruit juices and diluted fruit juices) whether sweetened or clarified or not, A"; also in Group 3, in relation to the item "Soap of all kinds" in the column headed "Destination," to substitute "A" for "C"; and in Group 13, after the word "Indigo" to add the words "natural and synthetic."

Manchester Golf.—The Manchester Chemists' Golfing Society held its final meeting of the season at Northenden Golf Club on September 17. As usual, this was a four-ball match between president's and captain's teams, the losers to pay for dinner. The president's team won. Mr. J. H. Franklin presided at the dinner, and after welcoming members, said that the season had been successful. Prizes won during the season were presented by Mr. Walling. The captain (Mr. C. Stevens), making a presentation to Mr. J. H. Franklin on behalf of members, said that Mr. Franklin had filled the office of president for ten years. The presentation

was only a token of the warm regard and esteem in which he was held by all members. This was supported by Messrs. T. Miller and S. Bottomley. Mr. W. E. Phillipson was appointed captain.

British Standards Institution.—A British standard specification for density composition tables for aqueous solutions of nitric acid (B.S. 975) and hydrochloric acid (B.S. 976) will shortly be issued. Copies may be obtained from the British Standards Institution, 28 Victoria Street, London, S.W.1, price 3s. 9d. each, post free.

Drug Cultivation in Devon Proposed.—The annual report of the North Devon Development Board, recently issued, discloses that the Board's assistance has been sought in a proposed establishment of a medicinal plant-growing industry, for which the soil in certain areas is understood to be specially suitable. "Owing to war-time complications," runs a statement, "no definite scheme has yet been made possible, although valuable information has been collected, and the proposition may well be carried forward in the near future."

Irish Drug Association.—Mr. P. F. McGrath (president) was in the chair at a meeting of the committee of the Irish Drug Association held recently, when a discussion took place on the new charges fixed by the Irish Banks Standing Committee. It was decided to lodge protests against these charges with the Council of the Chamber of Commerce in Ireland and Federated Employers, Ltd. Owing to the difficulty of obtaining supplies, the Association's prices for mel hibern., ol. colzae (all grades), ol. lini, and ol. terebinth. have been temporarily suspended. Members were reminded to obtain price slips from manufacturers to use over priced containers when an alteration takes place in the selling price.

Irish Chemists' Golf.—The Irish Chemists' Golfing Society held an outing at Newlands Golf Club, co. Dublin, recently, when an eighteen-hole strokes contest was held in the forenoon for prizes presented by May, Roberts (Ireland), Ltd., and an eighteen-hole bogey competition for prizes donated by St. Dalmas (Ireland), Ltd. After a keen contest the May, Roberts prize (on the best second nine) went to the secretary, Mr. P. H. Fahey (15), 74, and the second prize to Mr. F. J. Roche (9) 74. In the bogey contest the premier award went to Mr. J. Draffin (18), one down, and the second prize to Mr. P. McAuliffe (15), three down. The Hanna cup was won by Mr. T. J. Lynch and the Horlick cup by Mr. C. D. Foley. At the club-house Mr. A. D. Davison presented the May, Roberts trophies, and Mr. A. W. Hughes the St. Dalmas prizes. The final outing takes place October 5, at Elm Park Golf Club, co. Dublin; prizes include the Kodak trophies.

TOPICAL REFLECTIONS

Christmas Gifts.—Makers of perfumery and toilet preparations have prepared for a third war-time Christmas trade (pp. 148-49) with a just sense of the limits imposed by shortage of materials and containers. As was the case last autumn, packings are simple without loss of appropriateness, and novelty is not absent. The increasing bitterness of a prolonged war should not, I suggest, turn retailers from their accustomed course in stocking and displaying Christmas gifts that most people will be prepared to buy to the measure of their capacity. Supplies will of necessity be curtailed for the most part, and it will be difficult to gauge the probable demand; but these disabilities imposed by present conditions are the common lot of all who carry on business, and may be cheerfully faced. The "Post early" exhortation commonly issued by the Post Office as the season approaches should result in early buying by the majority of the public.

Winter Trade at the Counter.—The article on winter remedies (pp. 156-57) is a timely reminder that after Christmas (or even before) winter ailments will make their customary assault. As you point out on page 154, the vaccine treatment of colds is conditioned by so many factors that its success cannot be predicted with confidence; apart, therefore, from the trouble and cost of a course of this treatment, mankind is likely to "stand in the ancient ways" for a considerable time to come where colds and influenza are concerned. For the customer in a hurry a packed preparation may meet the case; but the dispensed mixture, application and so forth is usually preferred by the buyer and has obvious advantages for the seller. Most pharmacists of experience carry in their minds the general outlines of current medical treatment of these troublesome complaints, and without attempting to steer anyone through a serious attack of influenza can often cope with a mild cold and its sequel when a customer refuses to stay indoors. For the syrups mentioned in the selection of formulas on page 156 some other sweetening agent can be substituted. I may also mention the old

practice of incorporating a "pinch" of an alkali in mixtures like the one containing spirit of nitrous ether.

The Proportion of Pharmacies.—Your editorial article on page 153, surveying the National Pharmaceutical Union memorandum submitted to the Board of Trade, states the position clearly. If any Government was so ill-advised as to order a reduction in the number of pharmacies, an epidemic would involve the breakdown of the dispensing service of the country. Even without such a reduction, a serious increase in seasonal illness during the coming winter would bring an additional strain in the handling of prescriptions; cases of hardship, and perhaps of enforced closing, would follow as a result. In bombed areas, reception areas and neutral areas chemists are carrying on under the handicap of depleted stocks and uncertain deliveries, to say nothing of the latest calling up of qualified men. The problems vary in detail in the three kinds of area, but the underlying principle is the same. In your issue of August 16 (p. 83) you quoted the Retail Committee's dictum: "The Government have made it clear that they will not give compensation for loss of business to traders any more than to any other section of the community." The Government can, however, prevent by regulation the activities of persons who seek to snatch mercenary gain by dealing in commodities other than those they were selling at the outbreak of war. To the N.P.U. suggestion on these lines I would add the words "except under Board of Trade licence," with the object of meeting exceptional cases in which a district might be left without supplies of some kinds through the closing of a shop or class of shops. The expression "craft service distributors" is not a happy one, even though accompanied by an elaborate definition; but the view that "the public will always expect skilled service from those who supply its personal needs" and the statement that "mass production of a large range of unnecessary articles in war-time is a waste of the nation's effort" will command general assent.

Xrayser

LEGAL REPORTS

Death Sentence.—At the Central Criminal Court, on September 18, Lionel Rupert Nathan Watson, a bakelite moulder, Greenford, was sentenced to death for the murder of Phyllis Crocker and her eighteen months' old daughter. Medical evidence showed that the woman and the child died of poisoning by sodium cyanide. In passing sentence Mr. Justice Cassels told Watson he planned to poison Phyllis Crocker and he did so.

Injunction Against Passing-off.—The end was announced to Mr. Justice Oliver in the Vacation Court, on September 17, of a dispute between Coty (England), Ltd., and Parade Hairdressers (Rugby), Ltd. Counsel for Messrs. Coty said they sought by motion to restrain the second-named company from passing off or selling powder as the product of the plaintiff company. It had been agreed to treat the motion as the trial of the action, the defendant company to submit to an order for a perpetual injunction, and the payment of agreed costs.

Actions for Damages.—A case involving allegations of breach of contract, assault and wrongful ejection, and counter-charges of breaches of agreement, trespass or negligence, wrongful detention and conversion of goods, were made when consolidated actions for damages came before Mr. Justice Tucker in the King's Bench Division of the High Court, London, following the sale of a business last autumn. The hearing began on September 8. Plaintiff in the dispute was Mr. Moses Fagot, M.P.S. (the purchaser), and defendant (the vendor) was Mr. John Victor Gaches, M.P.S., of Warrington Crescent, Maida Vale, W.

Mr. Astell Burt, appearing for Mr. Fagot, said his client desired to acquire a business of his own in which his wife would assist him. Mr. Gaches owned the business at 707 Finchley Road, and he, being anxious to qualify as a doctor, wanted to sell it. In July last year Mr. Fagot intimated that his available capital was £75 and that he could only pay for the business by instalments. After some negotiation a definite contract was arranged. It was agreed that the stock was to be taken at a valuation; £225 was to be paid for the fixtures and fittings, and £50 on account of goodwill; £110 of the total was to be paid on the signing of the documents or the transfer of the lease, £40 by a post-dated cheque and the balance by the payment of 25 per cent. of the gross takings for the first three months and 12½ per cent. thereafter. Mr. Fagot, after arranging to buy Mr. Gaches' furniture in the flat at the Finchley Road premises, took possession of the business on September 8, 1940. The valuation was duly made at £882 10s. 1d. so that the purchase price of the business, with the fixtures, fittings and goodwill, was £1,157 10s. 1d.

It was on December 1 that the events occurred which gave rise to this litigation. Mr. Fagot was claiming damages on the grounds, among others, of trespass, assault and breach of contract. On the morning of December 1 (a Sunday), counsel continued, the defendant, accompanied by a police officer and two other persons, arrived at the shop and said to Mr. Fagot: "I will give you half an hour to clear out of the premises." He went behind the counter, locked the cash register and took possession of the money it contained. "Naturally," said Mr. Burt, "Mr. Fagot and his wife were very astounded at this conduct, for within half an hour they found themselves in the street with only the things they stood up in, their clothes being in the flat above the shop. Having turned them out Mr. Gaches locked the door on them." This was after the deposit of £110 and the 25 per cent. of the gross takings had been paid.

Mr. Justice Tucker: I presume that the defendant gave some explanation?

Mr. Burt: He gave none at the time but he later alleged three breaches of the agreement.

Mr. Gerald Gardiner (for Mr. Gaches): I thought there were more than three.

Mr. Burt read the defence set up by Mr. Gaches. In this numerous breaches of agreement were alleged in connexion with the stock, etc., on the premises, and in connexion with the terms of payment on the purchase of the business, and in connexion with the conduct of the business. In regard to the scene on December 1 it was alleged that, Mr. Fagot having refused a demand to deliver up possession of the premises, Mr. Gaches re-took possession "using no more force than was reasonably necessary." Mr. Gaches also alleged that Mr. Fagot set his dog on him and that he was seriously bitten. He counterclaimed damages for breach of contract, trespass or negligence, alleged wrongful detention and wrongful conversion of goods and other relief.

On the resumption of the hearing on September 9, Mr. Fagot gave in detail his version of what happened on December 1.

Mr. Justice Tucker asked how a chemist fixed his prices. Mr. Fagot said some goods could only be sold at fixed prices. Mr. Justice Tucker asked whether what happened on December 1 was permitted

by the Courts (Emergency Powers) Act. "Because it seems to me an astonishing state of affairs," he said, "that a person could go into a place like this, and pitch the occupier—even if he is a tenant-at-will, as you say he is—into the street."

Mr. Gardiner said it was always an unwise thing to do but this contract was made after war broke out. Mr. Justice Tucker: That may be the explanation.

The hearing was adjourned until September 10, when negotiations with a view to a settlement of the case took place, and both counsel saw Mr. Justice Tucker in his private room. No settlement was reached.

Mr. Gardiner, opening the case for Mr. Gaches, submitted that whatever the parties might have said, there was not that which, in law, was sufficient to amount to a contract for the sale and purchase of the business, which Mr. Gaches had worked up from £3 or £4 to £30 a week. Mr. Gaches trusted Mr. Fagot when he let him into possession, knowing nothing about him, and without Mr. Fagot paying him anything at all except a percentage of the gross weekly takings. Mr. Gaches gave way on most of the difficulties Mr. Fagot raised and, as the weeks went by, there was Mr. Fagot "sitting pretty" in the business, selling Mr. Gaches' stock, living in Mr. Gaches' premises, and using Mr. Gaches' furniture. Counsel agreed that Mr. Gaches was badly advised in doing what he did on December 1.

Mr. John Victor Gaches, M.P.S., the defendant, said he got into touch with Mr. Fagot as a prospective purchaser. There were negotiations about terms, and he gave details. He said there was no arrangement about paying a percentage of the gross takings. When Mr. Fagot took possession he (Mr. Gaches) said the plaintiff was to keep an account of the takings and hold them until the agreement was signed and the business transferred.

The hearing was adjourned until September 11.

COMPANY NEWS

P.C. means Private Company and R.O. Registered Office

ROMFORD CHEMICAL CO., LTD. (P.C.).—Capital £200. Objects: To carry on the business of manufacturers of and dealers in chemicals, drugs, disinfectants, etc. Sybil M. Chopping, New Mill Inn, Romford, and Dominic J. Stone, 23 Park End Road, Romford, directors. R.O.: 1 London Road, Romford.

CHEMOL, LTD. (P.C.).—Capital £100. Objects: To carry on business as chemists, druggists, manufacturers of and dealers in chemists' sundries and surgical dressings, etc. The first directors are not named. Solicitors: Herbert Oppenheimer, Nathan & Vandyk, Donington House, Norfolk Street, London, W.C.2.

JONES, ROBERTS, LTD. (P.C.).—Capital £500. Objects: To acquire the business of chemist and optician carried on by W. E. Roberts at 16 Penlan Street, Pwllheli. John R. Jones, M.P.S., 16 Penlan Street, and Harry Jones Roberts, 26 Cardiff Road, Pwllheli, directors. R.O.: 16 Penlan Street, Pwllheli, Carnarvonshire.

JOSEPH FLEMONS & SONS, LTD. (P.C.).—Capital £7,000. Objects: To acquire the business of wholesale and retail herb merchants carried on at Dunstable by J. Flemons & Sons. Percy W. Flemons, 28 Marina Drive, Tottenhamhoe Road, and Mrs. Mary J. Flemons, 4 Caneswood Road, Dunstable, directors. R.O.: White Hart Yard, High Street North, Dunstable.

HUDSON BEAUTY PRODUCTS, LTD. (P.C.).—Capital £2,000. Objects: To acquire the business of "B. Erica Hudson," carried on by Blanche E. Sheldrake at Munster Road, Fulham, London, S.W. Archibald D. F. Sheldrake, The Pleasance, Sand Pit Lane, St. Albans, and Norman A. Foster, Wayside, Wetherby Lane, Harrogate, directors. R.O.: 69a Station Parade, Harrogate.

SMITH & HILL (CHEMISTS), LTD. (P.C.).—Capital £2,000. Objects: To adopt an agreement with George S. Daykin, John S. Turner and Robert A. Daykin, and to carry on business as wholesale, retail and manufacturing chemists, etc. George S. Daykin, M.P.S., and Robert A. Daykin, both of 70 Montgomery Road, Sheffield, and John S. Turner, 8 Clinton Place, Sheffield, directors. R.O.: 9 Nether Edge Road, Sheffield.

L. W. PIGGIN (CHEMISTS), LTD. (P.C.).—Capital £1,600. Objects: To acquire the business of a chemist formerly carried on by Mrs. L. W. Piggin, 60 High Street, Tunstall. Leonard Piggin, M.P.S., 71 Weetwood Lane, Leeds, Reginald Piggin, 40 Crewe Road, Alsager, Mrs. Marion G. Thomas, 48 Whirlow Lane, Ecclesall, Sheffield, Clifford Haycock, M.P.S., 3 Northesk Place, Newcastle, Staffs., directors. R.O.: 60 High Street, Tunstall, Stoke-on-Trent.

ASPRO, LTD.—Directors recommend final dividend on Ordinary stock for year ended June 30 of 15 per cent. actual (less income tax).

ZEISS IKON, LTD.—Creditors should, before October 31, send names and addresses and particulars of debts to the liquidator (Mr. E. D. Miller, 150 Southampton Row, London, W.C.1).

VITREA UNION BOTTLE & GLASSWARE CO., LTD.—Creditors should, before October 31, send names and addresses and particulars of debts to the liquidator (Mr. E. D. Miller, 150 Southampton Row, London, W.C.1).

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

A MEETING of the Council of the Pharmaceutical Society of Northern Ireland was held at 73 University Street, Belfast, on September 19, Mr. James Glendinning (president) in the chair. Also present were Messrs. H. F. Moore (vice-president), J. Trevor Nicholl, J. E. Connor, J.P., J. McDowell, J. F. Grimes, J.P., C. Abernethy, Walter C. Tate, J. McGregor, Professor J. Small, and Dr. S. E. A. Acheson. The secretary (Mr. D. L. Kirkpatrick) was in attendance.

Withdrawal of D.D.A. Authorities.—The Ministry of Home Affairs wrote informing the Council that the case of James Wilson Heney, M.B., B.Ch., D.P.H., M.D., formerly of 2 Mount Charles, Belfast, and now residing at 62 Malone Road, who was suspected of committing offences against the Dangerous Drugs Act, has been considered by a tribunal, and in consequence of its recommendation the Ministry had withdrawn from him the authorities granted to him under the regulations. As a result James Wilson Heney was no longer an authorised person for the purpose of the Dangerous Drug Regulations. The Council decided, on the motion of Mr. MOORE, seconded by Dr. ACHESON, that every chemist keeping open shop should be notified when any doctor or chemist was removed from the Register.

Treasurer's Report.—Mr. NICHOLL (treasurer) presented the financial statement, reporting a debit balance. The grant to the War Aid Fund of £500 was the big item, and £50 had been given to the Pharmaceutical Society of Great Britain War Aid Fund. The report was adopted on the proposal of Mr. CONNOR, and ordered to be printed and circulated. Thanks were expressed to Mr. Nicholl for his services as treasurer.

Annual Meeting.—The annual meeting of the Society was fixed for October 6, at 3 o'clock, and Messrs. McGregor and Nicholl were appointed ballot scrutineers.

Illness of Mr. Gibson.—Mr. MOORE reported that he had visited Mr. Samuel Gibson, J.P., the oldest member of the Council, and had expressed

the Council's sympathy to him in his illness. At the suggestion of the PRESIDENT it was decided to write Mrs. Gibson expressing the Council's solicitude in her husband's illness, and also to Mr. W. Martin, who is also ill, and at present in Ballymena.

Ministry Acknowledges Resolution.—The Ministry of Home Affairs wrote acknowledging the receipt of a copy of the resolution passed by the special meeting of the Council on August 26, and stating that the contents had been noted. A letter was received from the chemist concerned in the case thanking the Council for their action, and stating—"It makes me feel proud to be a member of a Society with such a hard-working and considerate Council to manage its affairs."

Appreciation.—At the suggestion of Mr. CONNOR, seconded by Mr. McDOWELL, a resolution of thanks was passed to the Editor of THE CHEMIST AND DRUGGIST for the publicity given the Council's stand in the above matter and for the timely leading article which he published in defence of the rights and privileges of chemists.

Examinations.—The Education Committee reported that it had been agreed that the certificate of apprentice to a pharmaceutical chemist be granted to the following candidates: Jean Mary Gourley, Lilian Frances Mee Jones, John Edward Lithgow McFarland, Watson Huston King, Jean Alexandra Blair, Margaret Mary Campbell, Samuel Cooper, Brendan Malachy Fee, Margaret Boyd Crawford Huey, Jane Wilson, Shaw Irvine, Patrick Joseph Kelly, Margaret Rose Lee, John Denis Alphonsus Mulhern, James Elliott McColgan, Mary Bernadette McEvoy, John Russell McIlrath, Thomas Sidney Purce, Samuel McIvor Stevenson, Arthur Gordon Bryson.

It was agreed that the winter examinations begin on Monday, December 1, 1941, and that entries be accepted up to and including Saturday, November 1, or with additional fee of ros. 6d. up to and including Saturday, November 8.

The reported was adopted.

COSTLY ESSENTIAL DRUGS

AN Order entitled the Purchase Tax (Exemptions) (No. 1) Order has been made by the Treasury (S.R. & O., 1941, No. 1390). The Schedule to the Order provides for the following list of essential drugs of an exceptionally costly character to be exempt from purchase tax from November 3, 1941:—

Bromethol;	Ethyl chloride;
Chloroform (anæsthetic);	Nitrous oxide;
Cyclopropane;	Oxygen.
Ether (anæsthetic);	

The following substances, and preparations consisting only of one of those substances and one or more of the following things, namely, an excipient, vehicle, base or preservative:—

Liver extracts, and active principles of liver;
Insulin, and compounds whereof the sole constituents are insulin, protamine and zinc;
Preparations of the parathyroid glands;
Pituitary (posterior lobe) extract as defined by paragraph 1 of the Fifth Schedule to the Therapeutic Substances Regulations, 1931, made under the Therapeutic Substances Act, 1925, and other preparations of the posterior lobe of the pituitary gland;
Thyroxine, and preparations of the thyroid gland;
(Estrone, œstriol, œstradiol, esters of any of those substances, stilbœstrol and hexœstrol;
Extracts of the cortex of the suprarenal glands, corticosterone, desoxycorticosterone, esters of corticosterone and esters of desoxycorticosterone;
Extracts of the corpus luteum, progesterone, and the substance commonly known as pregnenolone or anhydrohydroxyprogesterone;
Testosterone, and esters of testosterone;
Chorionic gonadotrophin (human);
Desiccated stomach;
The dimethylcarbamic ester of 3-hydroxyphenyl-trimethyl-ammonium-methylsulphate.

The following substances, and preparations consisting only of one of those substances and one or more of the following things, namely an excipient, vehicle, base or preservative, or of two or more of those substances whether with one or more of the following things, namely, an excipient, vehicle, base or preservative, or not:—

Adrenaline, and salts thereof;
Amylocaine hydrochloride;
Arsphenamine, derivatives of arsphenamine, and salts of such derivatives;
Cocaine, and salts thereof;
Ergometrine, and salts thereof;
Hexobarbitone, and hexobarbitone soluble;
Morphine, and salts thereof;
Papaveretum;

Para-aminobenzenesulphonamide, salts of para-aminobenzenesulphonamide, derivatives of para-aminobenzenesulphonamide having any of the hydrogen atoms of the para-amino group or of the sulphonamide group substituted by another radical, and salts of such derivatives;

Procaine, and salts thereof;
The sodium salt of 5-ethyl-5-(α -methylbutyl)-thiobarbituric acid.

The therapeutic substances commonly known as vaccines, serums, toxins, antitoxins and antigens, prepared for use by injection or by application to the scarified skin, and preparations so prepared consisting only of two or more of those substances, but not including any of those substances or any such preparations intended to be used solely for veterinary purposes.

Therapeutic substances intended to be used solely for veterinary purposes, if prepared for use by injection or by application to the scarified skin the following:—

Serums and antitoxins, the following:

Anti-anthrax serum;	Anti-pulpy-kidney serum;
Anti-blackleg serum;	Anti-swine-erysipelas serum;
Anti-entero-toxæmia serum;	Anti-swine-fever serum;
Anti-lamb-dysentery serum;	Tetanus antitoxin.
Anti-leptosira serum (canine);	

Antigens, the following:

Blackleg aggrassin;	Tetanus toxoid.
Blackleg filtrate;	

Vaccines, the following:

Abortus vaccine (live) for cattle;	Fowl-pox vaccine;
Anthrax vaccine;	Fowl-typhoid vaccine;
Blackleg vaccine;	Lamb-dysentery vaccine;
Braxy vaccine;	Louping-ill vaccine;
Blackleg and braxy vaccine (mixed)	Pulpy-kidney vaccine;
Enterotoxæmia vaccine;	Swine-erysipelas vaccine.

The substance commonly known as phentiazine or thiodiphenylamine.

The Order (H.M. Stationery Office, 1d.) also provides for purchase tax to be payable at the reduced rate of 16½ per cent. on articles included in the original list but not included in the above Schedule.

MR. ARTHUR REID, M.P.S., has acquired the business of Mr. William C. Ferguson, 120 Windmillhill Street, Motherwell. (See C. & D., Sept. 20, p. 146.)

KREMER'S HISTORY OF PHARMACY.—The published price of this work is 25s.; it can be obtained from the London address of the publishers (J. B. Lippincott Co.), Aldine House, Bedford Street, London, W.C.2.

MR. B. A. WILLIAMS (a member of the Pharmaceutical Society's Council) has resigned his position at Mount Vernon Hospital, Northwood, Middlesex, to take up an appointment as chief pharmacist at Park Prewett Hospital, Basingstoke, Hampshire.

WAR WORK AND ARTICLES OF ASSOCIATION.—Mr. Higgs asked the Chancellor of the Exchequer in the House of Commons recently whether he was aware that many companies were making munitions or other war-time necessities not authorised by their Memoranda of Association; and whether he would introduce legislation to rectify the position.

Sir Kingsley Wood: I am aware that difficulties may be felt on this score. If any company feels in doubt it should approach the Government Department concerned with its production. Powers exist to deal with the situation under the Defence Regulations, and there appears to be no need for further legislation.

TRADE NOTES

DOUBLE-QUANTITY FACE POWDER.—The makers of Tangee face powder announce that, for the duration of the war, Tangee face powder will be sold only in a new double-quantity square box. Quality and shades are unchanged.

DISTRIBUTION OF DESITIN.—From October 1 the Desitin products for external cod liver oil therapy will be manufactured and distributed by the Priory Laboratories, Ltd., 21 Eastbury Road, Northwood, Middlesex. Regular propaganda will be issued to the medical profession.

DISTRIBUTION IN THE MIDLANDS.—John Knox (Stoke-on-Trent), Ltd., Cannon Street, Hanley, Staffs, regional distributors for S. Maw, Son & Sons, Ltd., bring to the notice of chemists in the Midlands their facilities for the distribution of drugs, sundries and proprietaries.

THERMOSTATICALLY CONTROLLED BED WARMER.—Claimed as shock-proof and foolproof, the Veret electric bed-warmer, manufactured by Veret, Ltd., 134-6 Woolwich Road, Abbey Wood, London, S.E.2, is issued with a guarantee for one year. Trade terms may be had on application to the makers.

SOLE AGENCIES IN SOUTH AFRICA.—Dominion & Continental Agencies, P.O. Box 77, Durban, South Africa, who are manufacturers' sole agents and importers covering the whole of South and equatorial Africa, offer British manufacturers a guaranteed regular turnover in those territories of commodities that have a ready sale in the home market.

SEDOBROL.—In response to inquiries received concerning the Sedobrol bonus offer announced in the *C. & D.* last week, Roche Products, Ltd., inform us that the retail prices of Sedobrol tablets, including purchase tax, are (10) 2s. 3d. and (30) 5s. 7d. The inclusive retail price of the largest size Sedobrol (100) is 15s. 9d., but this packing is not available on bonus terms.

BONUS OFFER.—Until December 15, unless previously cancelled, bonus terms are available on certain orders for Benzedrine inhalers, in return for window or counter display during at least fourteen days. Full details are given in an advertisement by Menley & James, Ltd., 123 Coldharbour Lane, London, S.E.5, elsewhere in this issue.

DELIVERY DELAYS.—Optrex, Ltd., Wadsworth Road, Perivale, Greenford, Middlesex, make the announcement that their laboratories are now engaged on work of national importance, and orders cannot be dealt with as promptly as in the past. They are using every endeavour to keep the trade supplied with Optrex eye lotion and Famel syrup, and orders will be dealt with as soon as possible.

OLD STOCKS REPLACED FREE.—Chemists whose stocks of Neave's food were purchased over twelve months ago are invited by the makers, Neave's Food, Ltd., Fordingbridge, Hampshire, to send particulars of quantities and dates, on receipt of which fresh supplies will be dispatched carriage paid and old stock can be destroyed. The date of manufacture appears in code figures on every tin, the first two figures indicating the year and the following figures the month packed.

PRICES INCREASED.—Alterations in the prices of Robinson's Patent barley, which took effect on September 22, have been notified by the makers, Keen, Robinson & Co., Ltd., Norwich. The 4-lb. size is withdrawn. —Elsewhere in this issue Thawpitt (Proprietary), Ltd., Woodstock Factory, Shepherd's Bush, London, W.12, give details of price increases of Thawpitt, made necessary by increased costs of production.

RESTRICTED OUTPUT OF BOTTLES.—Beatson, Clark & Co., Ltd., Rotherham, Yorks, advise chemists that their productive facilities are fully employed in the production of bottles for medicines and for the packing of drugs and pharmaceutical preparations. Much of this output is earmarked for Government use and for export, but the remainder is being fairly distributed between their customers in accordance with their former requirements. Orders for bottles and jars for toilet preparations cannot be accepted.

WARNING TO COTY STOCKISTS.—Coty (England), Ltd., 41 High Street, Leighton Buzzard, Beds, disclose that lipstick refills purporting to fit Coty lipstick cases and made by unknown manufacturers are falling into their hands, accompanied by complaints of bad quality. Such substitute refills carry no guarantee of immunity for the dealer if action is brought on medical grounds by a member of the public, and dealers are asked to warn their customers that genuine Coty refills are sold only in original cartons.

STANDARD TABLETS OF TOILET SOAP.—To comply with a decree of the Ministry of Food that the standard weight for all toilet soaps shall be 3 oz. when made, the Vinolia Co., Ltd., has made certain changes in its range, and prices for the modified specialities have been approved by the Ministry of Food. Stocks purchased at the old weights and prices should continue to be retailed at the old rates. Retail prices of the new weights of tablet, inclusive of purchase tax, are given in an advertisement in this issue. The guests size tablet has been withdrawn.

Proprietary Articles Trade Association

Additions to Protected List.—*Stephen Matthews & Co., Ltd.*, Curicones, 4s. 6d., 36s. doz., tax 6s. doz., i.r.p. 5s.; 12s. 7d., 101s. doz., tax 16s. 5d. doz., i.r.p. 14s.; 21s. 7d., 173s. doz., tax 28s. 5d. doz., i.r.p. 24s.; Stemat nasal balm, 2s. 8d., 21s. doz., tax 3s. 6d. doz., i.r.p. 3s.; Vicaps, 2s. 8d., 21s. doz., tax 3s. 6d. doz., i.r.p. 3s.; 7s. 5d., 59s. doz., tax 9s. 5d. doz., i.r.p. 8s. 3d.; 13s. 9d., 110s. doz., tax 18s. 4d. doz., i.r.p. 15s. 3d.; Curilax, 1s. 1d., 9s. doz., tax 1s. 6d. doz., i.r.p. 1s. 3d.; Sanalve, 2s. 3d., 18s. doz., tax 3s. doz., i.r.p. 2s. 6d.; Arthroids balm, 2s. 3d., 18s. doz., tax 3s. doz., i.r.p. 2s. 6d. These prices apply to both Great Britain and Northern Ireland.

Alterations.—*British Cod Liver Oil Producers (Hull), Ltd.*, Seven Seas cod liver oil, 8-oz. size, 2s., 17s. doz.; 16-oz. size, 3s. 6d., 30s. doz. (exempt from purchase tax).

Castle Laboratory. Retail prices, including purchase tax, of Antexema, 3s. and 5s. sizes, are 3s. 4½d. and 5s. 7½d.; 3s. size Chameleon oil, 3s. 4½d. Remaining details in *C. & D.*, September 20, p. 147.

Falconer & Co., Ltd. Prices in England, Scotland, and Wales: Falconer's Golden compound, 1s. 9d., 16s. doz., tax 2s. 8d. doz., i.r.p. 2s.

Foster McClellan Co., Doan's specialities: Following repeal of the medicine-stamp duty, no change has been made in the prices to the public, or the prices of unstamped stocks to retail chemists.

Yeast-Vite Proprietaries. Yeast-Vite tablets, Cicfa tablets, Holloway's pills, Holloway's ointment, Iron Jelloids, 1s. 2d., 11d. doz., tax 1s. 10d. doz., i.r.p. 1s. 4d.; 2s. 10½d., 27s. doz., tax 4s. 6d. doz., i.r.p. 3s. 3d.; Yeast-Vite tablets and Holloway's ointment, 4s. 8½d., 43s. 6d. doz., tax 7s. 3d. doz., i.r.p. 5s. 4d.; Yeast-Vite tablets (minimum 2 doz.) and Cicfa tablets, 6d., 4s. 8d. doz., tax 9½d. doz., i.r.p. 7d.; Yeast-Vite tablets (tins of 24 screws), price to chemists, 4s. 6d. each, tax 9d. each; Holloway's pills and ointment, 3d., 2s. 4d. doz., tax 4½d. doz., i.r.p. 3½d.; Holloway's pills (screws, 84 × 1d.), price to chemists, 54s. doz., tax 9s. doz., i.r.p. 5s. 4d.; retail chemists receive 10 per cent. display allowance on £5 orders, which may include any of above Yeast-Vite proprietaries; non-chemist dealers obtain 5 per cent. on these £5 display parcels. The former £2 parcels of any one product have been withdrawn.

Rev. George Jack (agents: *Raimes, Clark & Co., Ltd.*, Helios (Jack), 1s. 3d., 9s. 6d. doz., tax 1s. 7d. doz., i.r.p. 1s. 4½d.; 5s., 39s. doz., tax 6s. 6d. doz., i.r.p. 5s. 6½d.; 12s., 90s. doz., tax 15s. doz., i.r.p. 13s. 3d.

E. F. Langdale. Prices quoted in last week's issue (p. 147) apply also to Northern Ireland.

Leyland & Birmingham Rubber Co., Ltd., Pharmal and Leyland Pillar hot-water bottles, 3s. 9d., 33s. 4d. doz., tax 11s. 1 doz., i.r.p. 4s. 8d.; Pharmal enema, 4s. 8d., 40s. doz.; Sterenema, 6s. 2d., 52s. doz. (enemas exempt from tax).

Optabs, Ltd., Optabs eye-lotion tablets, tubes of 10, 9d., 6s. doz., tax 1s. doz., i.r.p. 10d.; bottles of 50, 3s., 24s. doz., tax 4s. doz., i.r.p. 3s. 4d.; bottles of 100, 5s., 40s. doz., tax 6s. 8d. doz., i.r.p. 5s. 7d.; bonus orders value £1, less 5 per cent.; £3, less 7½ per cent. and 13 to doz.; £10, less 10 per cent. and 13 to doz.

Page, Woodcock, Ltd., Nurse Lilly's female pills, Woodcock's wind pills, 1s. 3d., 11s. 9d. doz., tax 1s. 11½d. doz., i.r.p. 1s. 5d.; 3s., 28s. 6d. doz., tax 4s. 9d. doz., i.r.p. 3s. 5d.; less 5 per cent. on £5 parcels or 7½ per cent. on £10 orders.

Sloan's Liniment (agents: *William R. Warner & Co., Ltd.*). Following repeal of medicine-stamp duty, prices of unstamped pack continue to apply to retail chemists. Prices of former stamped pack are invoiced to non-chemist traders.

Deletions.—*Walter Gregory & Co., Ltd.*, Stockatrice; *Henry K. Wampole & Co., Ltd.*, Wampole specialities (temporarily withdrawn owing to war-time restrictions).

DEATHS

BLACKWELL.—At Radlett, on September 21, Sir Ernley Robertson Hay Blackwell, K.C.B., aged seventy-four. Sir Ernley had a distinguished career in the Home Office, where from 1913 until his retirement in 1933 he was Legal Assistant Under-Secretary of State. In 1934 he was nominated chairman of the Statutory Committee of the Pharmaceutical Society, from which position he retired in 1939.

PIDD.—As announced in last week's *C. & D.* (p. 147), the death of Mr. Leslie Stubbs Pidd, of "Axholme," 288 Wilbraham Road, Manchester, 16, occurred suddenly whilst on holiday at Keswick, on September 11, at the age of forty-four years. Mr. Pidd was the son of the late Mr. Eli West Stubbs Pidd of the above address. Born in Whalley Range, his youth was spent at the Hulme Grammar School, in connexion with which in later years he was a member of the General Committee of the Old Hulmeians. He was keenly interested in sport and was closely connected with the lacrosse team until his death. He was also secretary of the tennis section of the Whalley Range Cricket and Tennis Club for many years. From boyhood he had taken an active part in the Whalley Range Methodist Church and his fondness for children is exemplified by his fourteen years' connexion as superintendent of the primary department. He joined William Mather, Ltd., medical and surgical plaster manufacturers, Manchester, in 1915, and on the death of his uncle, Mr. A. J. Pidd, M.P.S., in 1930, he became chairman of the board of directors, a position which he filled until his death. He had an active interest in business and in his own many social activities, and the numerous friends who attended the funeral service testify to the esteem in which he was held. At the Manchester Crematorium the service was conducted by the Rev. A. C. Metcalf, of the Whalley Range Methodist Church. Amongst those present were representatives of the Whalley Range Methodist Church, Whalley Range Cricket and Tennis Club, Old Hulmeians Association, Manchester Pharmaceutical Association, The Medical Plaster Makers' Conference, and all the directors, office and works staffs of William Mather, Ltd.

McNEILL.—Recently, Sergeant-Pilot Forbes McNeill, R.A.F.V.R., M.P.S., 10 Bridge Street, Tranent, East Lothian. Sergeant McNeill qualified in 1938.

RIACH.—Recently, Mr. David Riach, M.P.S., 391 Manchester Road, Heaton Chapel, Stockport, aged sixty-five.

TAPPENDEN.—Recently, Mrs. Beatrice Maud Tappenden, M.P.S., Bewdley Capel, Folkestone. Mrs. Tappenden qualified in 1920.

WELTON.—At Ulverston, recently, Mr. Edward George Welton, chemist and druggist, formerly of Walkasey, aged sixty-two.



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MEDICAL ABSTRACTS

Root Vegetables as Anti-scorbutics.—The practicability of various methods of utilising turnips, swedes and parsnips as anti-scorbutics for infants and young children has been examined by Mathews and Bacharach ("British Medical Journal," August 16, p. 226). Parsnips were found of little value, and the attempted extraction of the juices from finely chopped turnip or swede roots by means of fine sugar resulted in negligible extraction of scorbutic acid (about 0.02 mgm. per c.c.). On the other hand, turnip juice or swede juice, cold-pressed, before or after boiling, or the liquors from squeezing the lightly boiled roots, should be of value, especially in infant feeding, the authors state. Taking the daily requirements of an infant as 5 to 10 mgm., from 1 to 2 fl. oz. of turnip juice or ½ to 1 fl. oz. of swede juice each day suffice. Either juice can be used to replace the boiled water of a milk feed without causing any curdling, though each imparts to the product a distinct taste and odour of the vegetable, and that from the swede a little colouring matter also. The ascorbic acid content of the cold-pressed juice was, for turnip, 19 to 32 mgm. per c.c. and, for swede, 30 to 36 mgm. per c.c., compared with 96 to 122 mgm. per c.c. in the cooked liquor of black currants.

Isinglass in Transfusion.—Details of experimental observations on the use of a 7 per cent. solution of purified isinglass in 0.9 per cent. solution in dogs after severe hæmorrhage are given in the "British Medical Journal," August 2, p. 166. The isinglass solution was transfused slowly in the femoral vein of the dogs when the blood pressure had fallen to a dangerously low level after bleeding. In experiments in which large quantities of blood were rapidly removed, it was found that transfusion with isinglass, even when incomplete replacement was affected, caused and maintained a satisfactory rise in blood pressure, though the animals subsequently died, probably from other contributory factors such as unsatisfactory anaesthesia. In a series of survival experiments in which an amount of blood was withdrawn which might be expected to cause death in an untreated animal, very good results were obtained with transfusions of isinglass. The animals made complete and uneventful recoveries. It was found that a mild degree of sensitisation, which lasted only two weeks, followed the transfusion. It is hoped that further purification may prevent such sensitisation from occurring. The authors suggest that isinglass is probably broken down and used by the tissues, and is therefore preferable to gum acacia, which the body is unable to metabolise as a transfusion fluid.

Belladonna in Parkinsonism.—Two articles by independent workers appearing in the "Journal of the American Medical Association," August 2, 1941, p. 332 *et seq.*, seem to indicate that the alkaloids derived from the rest of the belladonna plant, irrespective of its geographical origin, are of value in the treatment of parkinsonism. Since the introduction of the "Bulgarian belladonna treatment" of postencephalitic parkinsonism in 1926, many investigators have confirmed the value of this therapy. Study of the factors in the treatment, which are responsible for the clinical improvement so often seen in cases of this type of parkinsonism, reveals that there is no peculiar efficiency in the belladonna root grown in Bulgaria. The preparations used in one investigation were wine and hydro-alcoholic extracts (tinctures) of Bulgarian and U.S.P. belladonna root, desiccated white wine, extract of U.S.P. belladonna, and a compound of the belladonna alkaloids (hyoscyamine, atropine, and scopolamine). Results obtained with these latter preparations were practically identical. In the other investigation, a preparation of white wine extract of U.S.P. belladonna root, desiccated and pressed into tablets containing a total alkaloidal content of 0.4 mgm. each was used. This tablet was found to be as effective therapeutically as was the white wine decoction of Bulgarian belladonna root. The various results obtained in the groups of patients treated are recorded in both articles.

Closed on Saturdays.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. All urgent instructions relating to advertising and subscriptions should be sent to the C. & D., c/o The Pitman Press, Bath, Somerset.

THE CHEMIST AND DRUGGIST

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Exports and the Lease-Lend Agreement

UNITED KINGDOM export policy has, during recent weeks, been commented on in the United States. While shortages owing to priorities have impeded the United States export trade or altogether debarred United States citizens from exporting, United Kingdom manufacturers for export are, it is suggested, using Lease-Lend materials, or taking advantage of the arrival of Lease-Lend materials, to export to the U.S.A. itself or to South American markets. The fact is that a change in the situation has taken place. So long as we were required by the United States to pay cash for whatever supplies we needed from the U.S.A., it was vitally important to us to earn as many dollars as possible, and we had to be prepared to stint the civil population if necessary in order to do so; and we urged our exporters to make every effort to sell in dollar markets and in those South American markets from which we were drawing essential supplies. To this appeal there was a wide response, and as industry must lay its plans many months ahead, it has not to be expected that the course of export trade could be changed overnight when the Lease-Lend Act received the President's signature. There will doubtless have continued to arrive in the U.S.A., in the days of Lease-Lend, goods of which delivery was planned in the days of cash and carry. In the changed circumstances, these deliveries appear to have been misunderstood. At the same time, it was not desired to use for the purpose of maintaining our export trade, still less to replace U.S. exports, material of which the United States exporter has been deprived in order that that material should be made available for our defence; and the Government has, therefore, offered to the United States Government an undertaking which is contained in the White Paper laid on the table of the House of Commons recently.

The undertaking will add further to the many difficulties under which our export trade already labours, but it is clear that our export policy must offer no ground for any belief in the United States that the assistance which we are receiving under the Lease-Lend Act is being abused. While, however, it is just to insist that material is not being made available under Lease-Lend in order that someone may secure a commercial advantage on it, or in order that material which would otherwise have been devoted to the defence effort may be turned to commercial profit, it is nevertheless wrong to jump to the conclusion that the United Kingdom need no longer trouble about its export trade. Exports, properly directed and so controlled as not to allow the use of Lease-Lend materials to facilitate competition with the United States, remain essential to the maintenance of the maximum war effort. So far as we are aware no drugs and other similar raw materials have as yet been landed here from America under the Lease-Lend scheme. We understand, however, that consignments of these primary materials, to be shipped under the Lease-Lend agreement, will be arriving. Such materials will be barred by the undertaking from use for the purpose of fulfilling export orders.

Refund of Cancelled Medicine Stamps

It will be recalled that, at the time the Pharmacy and Medicines Bill was before Parliament, a proposal was made that, in order to allow wholesalers and retailers an opportunity to clear their stocks of stamped medicines, the date of cancellation of the medicine stamp duties should be postponed some months, but the Government replied that arrangements had been made by Customs and Excise for a full refund of the amount of the stamps to be made on all stamps returned, and in those cases where the stamps were affixed to packages from which they could not be removed without making the package unsaleable, an officer of Customs and Excise would attend at business premises for the purpose of cancelling the stamps. At that time no mention was made that it might be found necessary to charge for the attendance of a Customs officer.

Since going to press last week, we have been informed by one of our readers that his local Customs and Excise officer had advised him that a charge of three shillings or three shillings and sixpence per hour would have to be made. Upon receipt of this information, we immediately took the matter up with Customs headquarters in London, and were informed that the subject of making a charge for this service was under consideration, but no decision had yet been made. We pointed out to the department that the need for the cancellation of the stamps was due to the Government's action; that an appeal for an extension of time to allow the clearance of stocks of stamped medicines was rejected in Parliament; and that if retailers were to be charged this attendance fee they would be likely to send their stock of stamped medicines back to their wholesaler and claim a refund in that way. Later we were advised that it had been decided that normally no charge would be made for the attendance of an officer to cancel medicine stamps, but a charge would be made in exceptional cases. We were unable to get a more detailed explanation than this, but we assume it means that, in the case of the average small individual retail chemist, Customs had decided that the amount of refund usually involved was comparatively so small that a charge for their officer's time would not be warranted; but where their officer had to attend, say, at a wholesaler's, whose stocks of stamped packages were wide in range and considerable in number, a charge might then possibly be thought warranted. We suggest that retailers should decline to meet demands for payment until their cases have been considered by the Customs and Excise headquarters.

Invoices for Price-Controlled Goods

CHEMISTS who have complained that some wholesale houses do not send out invoices until long after the delivery of the goods may find some solace in the Goods and Services (Price Control) Order just issued (S.R. & O., 1941, No. 1388), but there is a less pleasant side to the decree. The effect of this legislation, which became operative on September 12, is that where price-controlled goods are sold, the seller must supply an invoice to the buyer within seven days of the delivery of the goods, and the latter must preserve it for a period of twelve months. Further, the invoice must give the following particulars: (a) the seller's name and the address of his principal place of business; (b) the name of the buyer and the address to which the goods are being, or will be, sent; (c) a sufficient description of the goods to which the invoice relates and, in particular, the number or quantities thereof; (d) the prices paid or charged or agreed to be paid or charged for each item in the invoice; and (e) the date of the sale or contract of sale of each item in the invoice.

If the buyer does not receive the invoice, or any of the stipulated particulars are lacking, he is required to demand in writing, within fourteen days of the delivery of the goods, an invoice in accordance with the Order, and to "send to the secretary of the Local Price Regulation Committee for the locality in which his place of business is situated a notice in writing stating that the seller has failed to furnish an invoice in accordance with this Order."

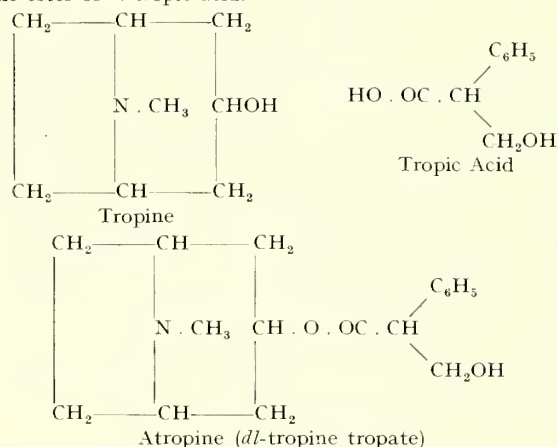
Whatever may be the good intentions behind this Order and however anxious chemists may be to have their invoices, the compulsory denouncing—for that is what it amounts to—of a manufacturer by a retailer is a distasteful proceeding, yet in default he is liable to a fine not exceeding £50. Should an occasion arise when a chemist is forced to report a wholesaler, the action to be taken by the Price Regulation Committee is not indicated. It is to be hoped that the Committee will make allowances for present trading conditions, for in these days a wholesaler, who may himself be dependent on other manufacturers, shortage of staff, and other causes, may not be in a position to give all the details required within the specified time, and consequently his only course would be to withhold dispatch of the goods until he has the requisite information. Aggravating as such delay may be, we feel sure chemists' sympathies will be with the wholesaler, especially if they have suffered from complaints by the public over imaginary injustices.

CHEMISTRY OF THERAPEUTIC SUBSTANCES

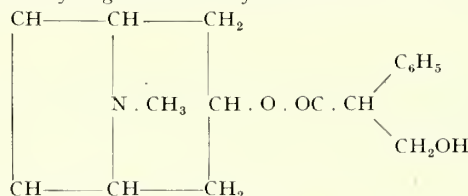
by F. Prescott, M.Sc., Ph.D., A.I.C., L.R.C.P., M.R.C.S.

VII.—The Atropine Alkaloids

THE atropine alkaloids, the most important of which are atropine, hyoscyamine, and hyoscyne or scopolamine, are present in many plants of the order Solanaceæ, particularly *Atropa belladonna* (deadly nightshade), *Hyoscyamus niger* (henbane) and *Datura stramonium* (thornapple). The alkaloids are present mainly in the leaves. Tobacco and potato leaves contain minute amounts. Alkaloids of lesser importance belonging to this series are belladonnine, apoatropine and atroscine. Although it can be extracted from belladonna, atropine is obtained commercially by the racemisation of *l*-hyoscyamine by means of dilute alkali or by heating with chloroform solution. It is optically inactive when pure, but the commercial product may be slightly levorotatory because of the presence of hyoscyamine as an impurity. Atropine is hydrolysed by alkalis into a base called tropine and *dl*-tropic acid. It is thus the tropine ester of *dl*-tropic acid.



l-hyoscyamine is *l*-tropine tropate. Atropine thus consists of a racemic mixture of *l*- and *d*-hyoscyamine. *l*-Hyoscyamine is formed in plants, but is readily transformed into atropine in the plant cell and in the process of extraction. Hyoscyne or scopolamine, which is contained in *Hyoscyamus niger*, is usually obtained from the mother liquors left in the extraction of hyoscyamine. Like hyoscyamine it is readily racemised by dilute alkalis and hence the commercial hyoscyne hydrobromide often contains the inactive *dl*-salt. When warmed with dilute alkalis or acids hyoscyne is hydrolysed to tropic acid and a base called scopoline or oscine, which is related to tropine. It is in fact tropine with an oxygen atom with an etheric linkage replacing two hydrogen atoms. Hyoscyne has the formula:—

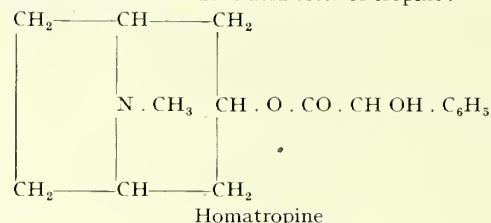


Hyoscyne forms an aminoxide (genoscopolamine), which is less toxic.

A number of other alkaloids have been described in different plants but on close chemical analysis they have been shown to consist of mixtures of atropine, hyoscyamine and hyoscyne. Thus the so-called duboisine from *Duboisia myoporoides* and daturine from *Datura stramonium*, which were once considered to be individual alkaloids, have been shown to be mixtures of known atropine alkaloids. Apoatropine is the anhydride of atropine, from which it may be prepared by the action of dehydrating agents. When heated with hydrochloric acid it forms the isomeride belladonnine. Atroscine is isomeric with hyoscyne and the same relation exists between them as between atropine and hyoscyamine. A preparation of the total levorotatory alkaloids of fresh belladonna leaves in the form of the malates is marketed as bellafoline, which is used for its spasmolytic (antispasmodic) properties. It is claimed that in therapeutically equivalent amounts bellafoline is less toxic than atropine.

The Tropines.—After it was discovered that atropine was tropine tropate a number of derivatives were prepared from tropine and various organic acids. These synthetic alkaloids are known as

tropineines. Like atropine, they all show a mydriatic (pupil-dilating) action. One of them, homatropine, is used in ophthalmological work in place of atropine as a mydriatic because its action is more rapid and transient. It is the mandelic acid ester of tropine:—



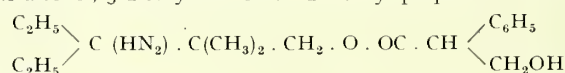
Synthetic Atropine Analogues.—Atropine and the naturally occurring atropine alkaloids have one action in common. They all depress the parasympathetic nervous system, inhibiting the action of acetylcholine at the terminations of the parasympathetic nerves. Since there is a fine balance between the sympathetic and parasympathetic nervous systems in the body any drug antagonising the parasympathetic acts indirectly as synergist to the sympathetic. Atropine and hyoscyamine, or belladonna and hyoscyamus, are used largely as spasmolytics to relieve spasm in what is known as smooth muscle, which is present in the muscle of the stomach, bladder, ureter, intestines, bile ducts and bronchi. They thus relax spasm in these organs. Hyoscyne resembles atropine pharmacologically, but acts more as a depressant of the central nervous system, and has a distinct narcotic action. It is therefore used as a cerebral sedative in insanity, to control tremor in the disease known as paralysis agitans, and with morphine as a preliminary to general anaesthesia (premedication).

The spasmolytic properties of atropine and hyoscyamine are associated with unpleasant side effects such as drying of the mouth and skin; the inhibition of gastric secretion; mydriasis; acceleration of the heart rate and stimulation and then depression of the central nervous system. Attempts have therefore been made to synthesise atropine-like drugs with a spasmolytic action, but without these side effects. Actually it is impossible, since these effects are the result of paralysis of the nerve endings of the parasympathetic nervous system. It is possible, however, to prepare substances with a predominant spasmolytic action and with the other effects diminished. The compounds of tropine with aliphatic acids possess less action on the eye and skin than atropine; those with aromatic acids containing a hydroxyl group and an asymmetric carbon atom to make the molecule levorotatory have a more powerful action on the eye, mouth and skin, e.g. homatropine (tropine mandelate).

Homatropine methyl bromide (novatropine) has been introduced as a spasmolytic in place of atropine. The methyl group and bromine atom are attached to the nitrogen atom of homatropine to make it quinquivalent. It is claimed to be less toxic than atropine and not to cause dryness of the mouth or skin or disturbance of vision. The ratio of toxicity of atropine to novatropine is about 1 to 33. Novatropine is used in the treatment of gastro-intestinal spasm.

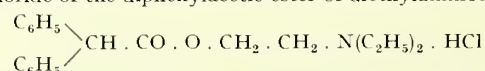
Eumydrine is atropine methyl nitrate. The introduction of the methyl and nitrate groups reduces the toxicity of atropine, but at the same time reduces the mydriatic and spasmolytic actions. It is used for producing mydriasis and in a 1 in 10,000 solution for the treatment of congenital pyloric stenosis in infants.

Syntropan is the phosphate of the tropic acid ester of an aliphatic amino-alcohol, 3-diethylamino-2:2-dimethyl propanol.



This is claimed to have a spasmolytic action approaching that of atropine without causing mouth dryness, increased heart rate or strong mydriasis. Its toxicity is about one-fortieth that of atropine.

Atrinal is a sulphonic acid derivative of atropine. It is a component of spasmalgin, which also contains papaverine and other opium alkaloids, and is used primarily as a spasmolytic. One of the most recent spasmolytic drugs to be introduced is trasentin, or the hydrochloride of the diphenylacetic ester of diethylaminoethanol:—



This drug is said to have a powerful spasmolytic action, particularly on the stomach, intestine, bladder and bile ducts, without any effect on the eye or the pulse like atropine.

WAR-TIME COSMETIC FORMULAS

XII.—Shaving Creams

CHEMISTS who have been preparing their own cosmetics, and who wish to turn their attention to shaving creams, will find it increasingly difficult to obtain certain necessary ingredients. Consequently, it may be necessary to make several inquiries from different sources before sufficient raw materials can be accumulated. Fortunately, however, the composition of shaving creams varies considerably.

Original Type of Creams.—The ordinary type of shaving cream which is used with a brush and water can be regarded as an emulsion of a soap consisting of fatty acids saponified with varying mixtures of potassium and sodium hydroxides, and frequently triethanolamine, and containing a small amount of glycerin. In normal times the fats employed include palm, olive, sesame, coconut oils, lard, stearic acid, etc.; but owing to the difficulty of obtaining supplies of many fats under present conditions, much experimentation may be necessary before a satisfactory formula can be arrived at. As the properties of soaps formed by the different alkalis and fats vary, a combination of two or more such soaps is necessary if some of the more desirable qualities are to be present in the cream. The following points will be of assistance in formulation. The soap formed from coconut oil and potash produces a quick, thick lather on brushing, which is reasonably coarse in texture, i.e. the bubbles are comparatively large. Potassium stearate soap, on the other hand, produces only slowly a lather which, although thin, is fine in texture. Soaps prepared from coconut oil and sodium hydroxide are fairly thick and quick in lathering, and are relatively coarse; while those from palm oil and caustic soda are but slowly lathering, are thin and of a fine texture. Triethanolamine coconut oil soaps are thick, coarse, and lather quickly; while triethanolamine stearate soaps lather slowly, are thin, and the bubbles are comparatively small. It will be seen, therefore, that a shaving cream which contains a combination of soaps will give a more satisfactory product than one consisting of a single soap. The ease of lathering depends to a large extent on the solubility of the soap, and potassium soaps are in general more soluble than the corresponding sodium soaps. However, potash soaps alone are usually too soft, and extra body can be given to the cream by the inclusion of a little sodium soap.

The desirable qualities of a shaving cream are that it will lather freely, contain no free alkali, be as nearly neutral as possible—in some cases (superfatted creams) unsaponified fatty acids, or added stearic acid, etc., are present to a small extent—the lather must be rich enough to hold the hairs of the beard erect and must, therefore, consist of fine bubbles. The cream must also have sufficient lubricant properties, and it must be of such consistency that it will not become dry too quickly. Small quantities of glycerin are desirable in a good shaving cream to prevent rapid dehydration and also to act as a lubricant. It should, however, be used sparingly, otherwise the lather may be too watery. Under present conditions it will be necessary to resort to alternatives for glycerin. However, careful experimentation with such substitutes as ethylene glycol, sorbitol, etc., and possibly vegetable mucilages, will no doubt produce a cream having satisfactory properties and giving the required results. Several substances have been added to the more modern formulas for this type of shaving cream; for example, cetyl alcohol is believed to make the bubbles of the lather smaller as a result of a decreased surface tension of the cream. Additional lubricant properties are also believed to be imparted to the cream by the inclusion of small quantities of liquid paraffin or lanolin. Similarly, different substances have been used from time to time to increase the wetting effect of the lather. It will be appreciated that the final consistency of the cream can be varied by altering the water content of the cream; but it must also be borne in mind that many creams alter in texture on keeping, and the compounder would be wise to conduct stability tests on the cream over a period of several weeks. As to the perfuming of the cream, specially blended soap compounds can be bought so cheaply, and choice is so varied that it is almost a waste of time to experiment with a suitable perfume. The most satisfactory products are usually obtained by allowing the batches of shaving cream to age for several days before packing.

Brushless Shaving Creams.—Although this type of preparation has been used for a considerable length of time, its popularity has greatly increased during the last few years. The brushless shaving creams can be regarded as a type of vanishing cream that contains a slightly higher proportion of water and a somewhat smaller amount of stearic acid than the type used as a foundation cream. The basis of many modern brushless creams is a true non-lathering soap, formed from an alkali and a fatty acid. Other ingredients,

including cetyl alcohol, lanolin, cocoa butter, glyceryl monostearate, glycerin or its substitutes, mucilages, wetting agents, etc., are added mainly to decrease surface tension and thus to increase the wetting action of the cream and also to prevent irritating effects on the skin. Recently introduced brushless creams consist essentially of a soft soap. Probably the best varieties consist mainly of an ammonia soap and are made by neutralising a fatty acid such as oleic, stearic or palmitic acid, or a mixture of the three, with ammonia. A cheaper cream of this class is made from ordinary soft soap and stearic acid, together with perfume and sufficient water to produce a soft paste or cream. The potash soap tends, unless prepared with exceptional skill, to contain free alkali, which might have a bad effect on the skin. Some recipes might suggest that brushless shaving creams are necessarily complex. This is not so. The addition of oil to brushless creams is not essential but it provides bulk at low price. Creams that are poorly prepared or contain too much bulking material are, however, difficult to use, unsuitable for some beards, and tend to make shaving painful. Creams made bulky to attract customers should, therefore, be avoided. The essential factor is that the cream should adhere sufficiently to the skin to enable the razor to cut off the hair at skin level and yet can be completely removed by simply wiping the skin with a soft cloth. There is, of course, no objection to using complex mixtures—if raw materials are available—other than the cost of production and the uselessness of some ingredients. Free oil or grease is objectionable to some users because it leaves a film on the skin. Stearic acid and pure soaps do not produce this effect and are consequently preferred by fastidious users. The proportion of water worked into the cream depends largely on the skill of the compounder, but the following essential factors of a good cream should be borne in mind: the cream should spread easily without leaving any greasy film on the skin, it should be easy to clean off the razor, and should have a soothing effect on the skin.

SHAVING CREAMS

1. Stearic acid	32
Coconut oil	8
Sodium hydroxide	1
Potassium hydroxide	8
Distilled water	60

Dissolve the alkalis in twenty parts of the water. Melt the acid and the oil and slowly pour the aqueous solution into the latter mixture. Heat until saponification is complete. Either the remaining water can be added after it has been boiled or the soap can be added to the water and the whole reheated the following day. Perfume as required when cool.

2. Coconut oil	3 oz.	3. Stearic acid	28.0
Stearic acid	7 oz.	Cetyl alcohol	2.0
Palm oil	7 oz.	Coconut oil	11.0
Lanolin	1 oz.	Potassium hydroxide	6.62
Sesame oil	1 oz.	Sodium hydroxide	0.2
Potassium hydroxide 3 oz. 380 gr.		Glycerin or substitute	6.0
Sodium hydroxide .. 3 dr. 40 gr.		Perfume	0.5
		Water	45.68

Prepare No. 2 by the method given in formula 1. In formula No. 3 melt half the stearic acid and the coconut oil. Melt separately the rest of the acid and cetyl alcohol. Dissolve the alkalis in the water and glycerin. Slowly add the aqueous solution to the heated stearic acid and coconut oil mixture. Heat for half an hour, then add the stearic acid and cetyl alcohol mixture slowly. Mix until the soap is smooth. Add the perfume finally when cool.

BRUSHLESS SHAVING CREAMS

4. Stearic acid	12.0	5. Hard soap	5.0
Glyceryl monostearate	5.0	Stearic acid	15.0
White mineral oil	4.0	Glycerin or substitute	20.0
Lanolin	2.0	Potassium hydroxide	2.0
Glycerin or substitute	5.0	Mucilage of tragacanth	5.0
Water	71.5	Borax	2.0
Borax	0.5	Almond oil	5.0
		Spermaceti	3.0
		Distilled water	80.0

Mix all the ingredients and heat to boiling point with constant mixing. Remove the heat and continue the mixing until the cream sets. Perfume when cool.

This is prepared in the same way as a vanishing cream.

6. Stearic acid	20.0
Coconut oil soap	0.5
Cetyl alcohol	1.0
Mineral oil	3.0
Sodium lauryl sulphate	2.0
Glycerin or substitute	10.0
Potassium hydroxide	0.75
Water	62.75

Melt the stearic acid and cetyl alcohol with the mineral oil. Mix the other ingredients and stir into the fatty mixture until homogeneous. Perfume finally.

TRADE REPORT

Spot quotations recorded for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, September 24

A MODERATE but steady business is being done in most markets, with the general tone reasonably healthy. Prices, with one or two unimportant exceptions, are unaltered. In PHARMACEUTICAL CHEMICALS, trade has been on the quiet side, with several items in very restricted supply. ACETANILIDE appears to be available in fair quantity, and satisfactory business has been done. BARBITONE and its sodium salt remain firm. Makers' prices of BENZOIC ACID and SODIUM BENZOATE are nominal, with supplies restricted. Liquid GUAIACOL is unobtainable. A good demand is noted for METHYL SALICYLATE, but supplies, like those of other salicylates, are restricted. Supplies of PHENACETIN are short and dealers' prices are firm. Fair interest is being taken in PHENOBARBITONE. SULPHANILAMIDE continues to attract attention, but supplies are stated to be adequate. SULPHONAL is short and firm, with quotations at higher levels.

Crude Drugs

A number of items in this market have been in good demand, with spot values firm and tending dearer. Supplies of several products leave much to be desired, but recent arrivals have tended to ease the position in some instances. Dealers in AGAR report a considerable demand for Kobe No. 1 for bacteriological purposes. Offers for CURAÇAO ALOES cannot be obtained, and spot stocks are exhausted. ANTIMONY is steady at the higher prices recently recorded. Supplies of ARNICA FLOWERS are expected in the near future. BALSAM TOLU is slightly dearer on spot. Rather more interest has been taken in BENZOIN. BUCHU is firm and unchanged. Demand for DERRIS ROOT has been fairly keen, especially for the higher rotenone-testing root. Interest in ERGOT has been poor, with prices unchanged. A moderate business has been passing in IPECACUANHA. Further supplies of QUILLAIA BARK are reported on the way. SHELLAC is quiet, with shipment easier.

Essential Oils

Business in these markets has again been quiet, with some oils receiving attention, but most others neglected. Few price changes have occurred. ALMOND remains in short supply, with no quotations available. ANISE (STAR) is firm, with prices at high levels. Quotations for BAY are at the slightly higher levels recorded last week. There are no changes to report in the position of CITRONELLA. It seems probable that, if the price of cloves is maintained at the present high level (see Crude Drugs), higher prices will soon obtain for English-distilled CLOVE OIL. EUCALYPTUS is steady, with values at the levels recorded last week. British makers' prices for synthetic MUSTARD are steady, and a fair interest is reported. The demand for Chinese PEPPERMINT remains good, but it is difficult to find sufficient supplies on spot to meet present needs.

Exchange Rates on London.—The following Bank of England fixed rates remained effective at the opening on September 24: New York, 4.03 dollars; Montreal, 4.45 dollars; Lisbon, 100 escudos; Java, 7.60 florins; Buenos Aires, 17.02 paper pesos; Zurich, 17.35 francs; Stockholm, 16.90 kroner. The Shanghai rate is 3.5/32d. and the Madrid rate is 40.50 pesetas (official) and 46.55 (voluntary).

Pharmaceutical Chemicals

ACETANILIDE.—Fair business is passing, with supplies adequate. B. P. crystals, about 2s. 5d. per lb.; powder, 1d. extra.

BARBITONE.—Firm, prices ranging between 31s. and 35s. per lb. SODIUM BARBITONE.—About 1s. 6d. per lb. extra.

BENZOIC ACID.—In restricted supply, with makers' quotations nominal at about 2s. 6d. to 2s. 9d. per lb., according to quantity.

BENZYL BENZOATE.—Supplies are reserved for medical purposes. Makers quote a nominal price of about 4s. 6d. to 5s. per lb.

BORAX.—B.P. powder is quoted by makers at £35 10s. per ton, in one-cwt. bags, carriage paid in Great Britain, for minimum one-ton lots; crystals, £35 per ton and granulated, £34 per ton. Commercial grades, £8 per ton less.

BORIC ACID.—Makers quote B.P. powder at £52 10s. per ton, crystals, £51 10s., and granulated, £50 10s., in one-cwt. bags, carriage paid in Great Britain, for minimum one-ton lots. Commercial grades, £8 per ton less.

CITRATES.—Makers' current prices are as follows: POTASSIUM, B.P., 28 lb., 2s. 5d.; 14 lb., 2s. 6½d.; 7 lb., 2s. 7½d.; 4 lb., 2s. 9½d.; under 4 lb., 3s. per lb. SODIUM, B.P., one penny per lb. under, and IRON AND AMMONIUM (SCALES), B.P., threepence per lb. over above prices. Packages extra.

GUAIACOLS.—CARBONATE and CRYSTALS are both in good demand, with values steady at about 12s. 6d. to 13s. per lb. LIQUID is unobtainable.

MERCURIALS.—There are no changes in controlled prices. For full scale, see C. & D., August 16, p. 96.

METHYL SALICYLATE.—Continues in good demand, but supplies, as of other salicylates, are restricted. Prices are as follows: Five-cwt., 1s. 8½d. per lb.; one cwt., 1s. 9d.; smaller quantities, in bottles, 1s. 11d. per lb.

PHENACETIN.—Supplies are short, and dealers' prices range between 11s. 6d. and 12s. 6d. per lb. Makers' prices are unchanged.

PHENAZONE.—Firm at about 19s. to 23s. 6d. per lb., according to quantity.

PHENOBARBITONE.—A fair interest in being shown. Prices are in the region of 36s. to 40s. per lb., according to quantity.

PHENOLPHTHALEIN.—Makers' quotations steady: Less than 7 lb., 4s. 2d.; 7 lb., 4s. 1d.; 14 lb., 4s.; 28 lb., 3s. 11d.; one cwt., 3s. 10d. per lb. unchanged. Prices are not officially controlled.

SACCHARIN.—The Convention rate of 98s. 4d. per lb. for 550 material is unchanged. Prices are not officially controlled.

SALICYLIC ACID.—Steady at makers' prices: 5 cwt., 1s. 8d. per lb.; 1 cwt., 1s. 8½d.; 28 lb., 2s. 0½d., in 28-lb. parcels; 14 lb., 2s. 6½d.; 7 lb., 2s. 7½d.; 4 lb., 2s. 9½d. Can be assorted with sodium salicylate.

SANTONIN.—The following are the prices for home trade: 15 kilos and over, £46 10s.; not less than 10 kilos, £47 5s.; not less than 5 kilos, £48 5s.; less than 5 kilos, £50 per kilo, delivered free in the United Kingdom; 1-kilo packages free.

SODIUM BENZOATE.—Prices are nominal at about 2s. 3d. to 2s. 6d. per lb.; with supplies restricted.

SULPHANILAMIDE.—In adequate supply, with demand good. Values are firm at about 11s. to 11s. 6d. per lb., according to quantity.

SULPHONAL.—Firm and short. Dealers' prices are at about 40s. upwards per lb.

VANILLIN.—There is no improvement in the supply position, but makers' prices are unchanged. Ex clove oil or guaiacol, five cwt., 19s. 3d. per lb.; one cwt., 19s. 6d.; 56 lb., 19s. 9d.; less than 56 lb., 20s., carriage paid in U.K. Tins in cases returnable.

Crude Drugs

ACONITE ROOT.—Indian root, on spot, would be worth about 1s. 7d. per lb., ex store.

AGAR.—Demand continues good for Kobe No. 1 for unrestricted use, and odd lots are still available at around 30s. to 31s. per lb. A small quantity is also available for medicinal use at about 23s. per lb. The demand for Kobe No. 1 for bacteriological use has been greater than was anticipated, and a fair business has been done.

ALOES.—Offers for CURAÇAO cannot be obtained, and spot stocks are exhausted. Cape would be worth about 55s. per cwt. on spot.

ANTIMONY.—English regulus has been in fair demand, the price remaining steady at £110 per ton, delivered, for minimum 99 per cent. Foreign regulus, steady at £100 10s. per ton, duty paid. Chinese nominal.

ARNICA FLOWERS.—In the absence of stocks, spot quotations are not available. Further supplies are expected.

BALSAM.—Tolu is less freely offered this week, and spot quotations show a small rise to about 8s. 6d. to 8s. 9d. per lb. Copaiba, B.P., remains in poor supply but the value is unchanged at around 5s. 9d. per lb. Canada is steady at 7s. 9d. per lb., and Peru, about 7s. 9d. per lb., duty paid, ex store U.K.

BELLADONNA.—Some recently landed is quoted at about 450s. per cwt.

BENZOIN.—In rather better inquiry. Spot prices are maintained at between £7 and £8 10s. per cwt., ex store.

BISMUTH METAL.—Average business is passing at the unchanged price of one dollar 25 cents per lb., for minimum 5-cwt. lots.

BUCHU.—Firm, but prices unchanged on the week. Good green rounds would be worth about 3s. 4d. to 3s. 5d. per lb. on spot; forward position continues dependent on issue of import licences.

CAMPHOR.—There have been many inquiries for Japanese, particularly for tablets, but spot stocks are restricted; slabs, if available, would be worth around 7s. to 7s. 3d. per lb. Supplies of Chinese crude 93 per cent. are offered at 6s. per lb. Flowers, one cwt., 7s.; 28 lb., 7s. 3d.; less than 28 lb., 7s. 6d. per lb. Transparent tablets, ¼-oz.: one cwt., 7s. 6d.; 28 lb., 7s. 9d.; less than 28 lb., 8s. per lb.

The value of Japanese camphor exported to the United States from Japan during the first half of 1941 amounted to \$300,000, about double the figure for the corresponding period of the previous year.

CANTHARIDES.—Interest in this product has been small. Chinese, in small supply, would be worth about 7s. 6d. per lb. on spot. No supplies of Russian are available.

CARDAMOMS.—Quiet and unchanged. Mangalore seed, if available, 5s. 3d. per lb.; Aleppy seed, 5s. 6d.; Aleppy greens, 5s. 3d.; Ceylon, 5s. 3d.

CASCARA SAGRADA.—Firm and in good demand, with stocks low. Spot, 1940 peel, some available at about 105s. per cwt., duty paid. Some parcels unsold afloat 1941 peel are available at about 150s. per cwt., landed.

CHILLIES.—Firm conditions continue, and prices remain at the advances recorded last week. Spot, Zanzibar, 170s. per cwt.; Mombasa, 172s. 6d. sellers; Sierra Leone, 170s.; Sudan, 170s., duty paid.

CITRUS FRUIT SEEDS.—Indian exporters state they can deliver at £45 per ton, cost and freight United Kingdom, packed in gunny bags and shipped from Karachi.

CLOVES.—Continues firm, with Zanzibar on spot valued at 2s. 3½d. per lb.; grade 2, afloat, 2s. per lb., buyers, c.i.f. (see also Clove Oil). Madagascar, in bond, unquoted.

COCOA BUTTER.—The maximum price is officially fixed at 1s. 5½d. per lb., in factory or warehouse, except under Ministry of Food licence.

COCONUT (DESICCATED).—The official maximum price has been fixed by Ministry of Food Order at 49s. per cwt.

COLCHICUM.—Indian, in small supply on spot at about 3s. per lb.
COLOCYNTH.—Inquiry has been small. Spot holders of fine white U.S.P. quality would require about 3s. 6d. to 4s. per lb.

DAMIANA LEAVES.—Quotations are nominal in the absence of supplies. New stocks may become available towards the end of the year, subject to import licences being granted and freight being available.

DANDELION ROOT.—Good clean Indian root would be worth approximately 155s. per cwt. on spot.

DERRIS ROOT.—Reports indicate a continued fair demand for the higher rotenone-testing root. Parcels testing as high as 8 per cent. rotenone are reported to have been sold at 2s. 6d. per lb.; 4–5 per cent. rotenone would be worth about 1s. 4d. per lb., and lower-testing material about 1s. 3d. per lb. 15–9 per cent. ether extract, tested, about 1s. 1d. per lb.; and 17–9 per cent., about 1s. 2d. per lb.

DRAGONS BLOOD.—Fair re-boiled is quoted on spot at about £30 per cwt., with higher prices for finer qualities.

ERGOT.—Little interest is being shown. Portuguese, spot, about 8s. per lb.; shipment, around 6s. 6d. per lb., c.i.f.

GAMBOGE.—Supplies are severely restricted and spot prices are nominal at about £30 to £35 per cwt.; shipment offers are not available.

GINGER.—Remains firm, with values unchanged. West African, spot, 175s. per cwt., buyers; afloat, 155s., c.i.f. Cochin, unwashed, spot, 175s.; afloat, 155s.

GUM ACACIA.—Spot price of unrestricted Kordofan cleaned sorts would be about 225s. per cwt., nominal; shipment, about 73s. per cwt., c.i.f.

HONEY.—First-hand, wholesale and retail prices for imported honey and maximum retail prices for home-produced honey are fixed by Ministry of Food Order. For full scale of prices, see *C. & D.*, August 30, p. 119.

HYDRASTIS.—The spot value of tested would be in the region of 22s. 6d. per lb.; untested, 21s. per lb. Supplies are limited.

IPECACUANHA.—Business has been moderate throughout the week. Matto Grosso, spot, about 17s. 6d. to 18s. per lb.; shipment, in the region of 15s. 6d. to 15s. 9d. per lb., c.i.f. Minas, spot, about 12s. 3d. per lb.; shipment, about 10s. 9d. per lb., c.i.f. For prices of EXT. IPECAC. LIQ., B.P. 1932 and B.P. 1914, see *C. & D.*, September 20, p. 159.

JABORANDI.—Small supplies, if available on spot, would be worth approximately 85s. to 87s. 6d. per cwt.

KOLA NUTS.—Dealers' prices remain near 65s. per cwt., ex wharf.

LOBELIA HERB.—Supplies are scarce, and spot quotations are nominal at around 2s. 6d. to 3s. per lb.

MENTHOL.—Chinese has again been in good demand, with a fair business passing at about 50s. to 52s. 6d. per lb., according to quantity and seller; a few odd cases of Japanese are still available at about 52s. 6d. per lb. There have been no recent offers from China, the last being at 41s. 6d. per lb., c.i.f.

MERCURY.—Official prices range from £47 15s. to £48 15s. per bottle of 76 lb., ex warehouse.

According to the United States Bureau of Mines, domestic production of mercury during June amounted to approximately 4,000 flasks, compared with 3,600 flasks in the previous month. Consumption during June was 3,300 flasks, compared with 3,500 flasks in May.

ORANGE PEEL.—Dealers' prices for bitter quarters are in the region of 2s. 6d. to 2s. 8d. per lb. Thin-cut, if available, would be worth about 4s. 9d. to 5s. per lb.

ORANGE SEEDS.—Indian exporters state they can deliver at £45 per ton, cost and freight United Kingdom, packed in gunny bags and shipped from Karachi.

PEPPERS.—Maximum spot price of whole black Lampong unpicked is 5d. per lb., in bond; whole white Muntok unpicked, 8d. per lb., in bond. For full scale of maximum prices, see *C. & D.*, September 6, p. 129.

PIMENTO.—Quiet, with spot sellers offering at 2s. 1d. per lb.; shipment, new crop, September–October, 170s. per cwt., sellers, c.i.f.

PYRETHRUM.—Dealers' prices for Kenya flowers are unchanged at about 175s. to 185s. per cwt., ex store. It is understood that prices to importers of large quantities would be at appropriately lower prices.

According to American sources shipments of pyrethrum flowers to the United States during the first half of 1941 were valued at approximately \$53,000, compared with \$117,000 in the corresponding period of the previous year.

QUASSIA CHIPS.—Supplies are becoming limited and prices are firm. Dealers now quote about 50s. per cwt., ex store.

QUILLAIA BARK.—Little is available in London, but supplies on the way are expected to ease the position. Present spot price would be in the region 140s. per cwt.

RHUBARB.—Demand has been better. Spot prices appear to vary between 5s. 9d. and 6s. 6d. per lb., according to quality and soundness; rough-coat flat high-dried, about 6s. 9d. to 7s. per lb. Shensi, spot, about 8s. 6d. to 9s. per lb., according to quality.

RUBBER.—Dull. Official quotations for standard ribbed smoked sheet are as follows: Spot, 13½d., buyers; 13½d., sellers; shipment, October, November, December, 13½d. buyers; 13½d. sellers; January–March, 13½d. buyers; 13½d. sellers.

SEEDS.—ANISE.—Bulgarian, spot, duty paid, 160s., Turkish, 165s. CANARY.—Nothing available on spot. CARAWAY.—Dutch, spot, nominal at 350s., duty paid. CORIANDER.—Indian, spot, 170s., ex store; Hull, 175s., ex wharf London, duty free. CUMIN.—Malta, spot, offered at 175s., duty free. DILL.—Indian, spot, nominal at 90s., duty free. FENNEL.—Indian, spot, 85s., duty free; Iran, 87s. 6d., duty paid. FUNUGREEK.—Indian, spot, 60s., duty free; Morocco, 65s., duty paid. MUSTARD.—English, 112s. to 120s., according to quality.

SENEGA.—Present spot value would be in the region of 5s. 9d. to 6s. per lb. Some recent arrivals are reported sold.

SENNA.—Firm and unchanged. Tinnevely, spot, supply small. No. 1 leaves, 10d. per lb.; No. 2 leaves, 6½d.; No. 3 leaves, 5d. per lb. Hand-picked Tinnevely pods, if available, about 1s. 6d. per lb.; manufacturing pods, 9d. to 10d. per lb. Alexandrian hand-picked pods, a few small lots available at 4s. to 7s. 6d. per lb.; manufacturing quality, 1s. 6d. to 1s. 9d.

SHELLAC.—Quiet. Usual standard TN orange, spot, 157s. 6d. per cwt., sellers; fine orange, unchanged at 175s. to 210s.; pure button, 195s. per cwt. Shipment, TN, easier at 135s. per cwt., sellers, c.i.f.

SLIPPERY ELM BARK.—Steady at the advanced quotations noted last week. Spot, grinding quality, about 1s. 3d. per lb.; wired bundles, about 2s. 4½d. per lb.

STRAMONIUM LEAVES.—Dealers' spot price for Indian would be in the region of 105s. per cwt.

TRAGACANTH.—Spot quotations for medium grades are unchanged as follows: No. 1, white, £135; No. 2, white, £125; No. 3, white, £110; pale leaf, £90; amber leaf, £65; red leaf, from £30; woody and hoggy, from £10 to £15, ex store.

TURMERIC.—Madras finger, quoted at 80s., duty free, ex Northern ports.

VALERIAN ROOT.—Spot quotations for Indian are a shade easier at about 135s. per cwt., ex store.

WAXES.—Quiet and unchanged. BEES'—Spot, 250s.; in bond, 225s.; Dar-es-Salaam, nominal at 255s. Japanese, first three brands, spot, duty paid, 205s. CARNAUBA.—Spot, fatty grey, 435s.; chalky grey, 430s.; Primeira, 535s.

WITCH HAZEL (LIQUID EXTRACT).—Steady at approximately 10s. 6d. per Imperial gallon, duty paid.

Essential and Expressed Oils

ALMOND.—Supplies are severely restricted, and no quotations are available.

ANISE (STAR).—Very firm. Spot, tins in cases, about 22s. per lb.; drums, about the same price.

BAY.—Steady at the rather higher figure of 9s. to 10s. per lb., noted last week.

BOIS DE ROSE.—In poor supply, spot price being at approximately 18s. 6d. per lb.

CAJUPUT.—Firm. Spot price in the region of 8s. or more per lb.

CANANGA.—Business has been negligible. Spot, nominal at about 37s. 6d. per lb.

CEDARWOOD.—Business has remained quiet, with values unchanged. American, spot, about 3s. 3d. per lb.

CINNAMON LEAF.—Spot values are steady at around 8s. upwards per lb.

CITRONELLA.—Ceylon continues to be quoted on spot at about 7s. 9d. to 8s. per lb., and Java at about 12s. to 12s. 6d. per lb.

CLOVE.—Makers of English-distilled recently advanced their price to 17s. 6d. per lb. If the price of cloves is maintained at the present level there seems to be no reason why higher prices should not rule for the oil.

EUCALYPTUS.—Business quiet; quoted unchanged. Spot, 70 to 75 per cent., about 4s. to 4s. 6d. per lb., according to holder; 80 to 85 per cent., about 4s. 6d. to 4s. 9d. per lb.

FENNEL.—Dealers quote sweet at about 25s. to 26s. per lb.

GERANIUM.—Prices for both Bourbon and Algerian are nominal and would be a matter for negotiation.

GROUNDNUT.—The official price of refined deodorised remains at £40 per ton, naked ex works, for large bulk quantities.

LAVENDER.—Good-quality oil would be worth about 85s. per lb. on spot.

LEMONGRASS.—Spot quotation is in the region of 14s. to 15s. per lb., according to quantity.

LIME.—West Indian distilled, in restricted supply, about 32s. to 34s. per lb. on spot.

LINSEED.—Controlled price of £41 10s. per ton for large bulk quantities of crude, naked ex works, is unchanged. Distributors' prices for ordinary quantities would be higher.

MUSTARD.—British makers of synthetic report that fair supplies are available and that good business is passing. Price is 18s. 6d. upwards per lb.

NUTMEG.—Spot value would be in the region of 26s. to 28s. per lb., but supplies are restricted.

PALMAROSA.—Firm. Spot, about 32s 6d. to 35s. per lb.; shipment, about 21s per lb., c.i.f.

PATCHOULI.—Spot price of good-quality oil is at about 55s. per lb.

PEPPERMINT.—Chinese has been in good demand, but supplies are difficult to find on spot. A few odd cases are stated to be available at 52s. 6d. per lb.

PETITGRAIN.—Spot price is nominal at about 18s. 6d. to 20s. per lb.

SANDALWOOD.—Genuine East Indian Mysore, in one-case lots, quoted at about 25s. per lb.

SPEARMINT.—American, on spot, would be worth about 22s. 6d. per lb.

WINTERGREEN (GENUINE).—Dealers' spot quotations remain at about 11s. 6d. to 14s. per lb.

WORMSEED.—Little interest is being taken, and prices are unchanged. Spot, about 23s. per lb.

TRADE-MARK APPLICATIONS

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary and Year-Book," 1940, p. 275.

(From "The Trade Marks Journal," August 13, 1941)

- "THERMEX": for fire-extinguishing mixtures (1) (IV). By J. H. Sankey & Son, Ltd., Aldwych House, London, W.C.2. 615,316 (Associated).
- "CEPAX": for toilet powder, and starch powder for toilet preparations, etc. (3) (IV). By The Calico Printers' Association, Ltd., St. James's Buildings, Oxford Street, Manchester. 613,434 (Associated).
- "PANSY BRAND": for soft soap (3) (IV). By Cooper, McDougall & Robertson, Ltd., Ravens Lane, Berkhamsted, Herts. 615,120 (Associated).
- "TRYST": for cosmetics (3) (IV). By Eucos Products, Ltd., 11A Carlisle Road, The Hyde, London, N.W.9. 615,338.
- Device of fist with dressing on the thumb and Chinese characters beneath meaning "Thumb Brand" (word "thumb" disclaimed); for curative dressings (5) (IV). By Herts Pharmaceuticals, Ltd., Bessener Road, Welwyn Garden City. 614,114.
- "CELLOFAS": for pharmaceutical, veterinary, and sanitary substances (5) (IV). By Imperial Chemical Industries, Ltd., Wexham Road, Slough. 615,110.
- "WYNEXMA": for pharmaceutical preparations for eczema; "WYNOSEPTIC": for antiseptic preparations; and "WYNODISE": for pharmaceutical, veterinary, and sanitary substances, foods, plasters, disinfectants, etc. (5) (IV). By Amovon, Ltd., Southfield Lane, Bradford. 615,117/8/9 (all Associated).
- "SILBEMINAL" and "SILBESIL": for pharmaceutical substances (5) (IV). By Silten, Ltd., 14 Weedington Road, London, N.W.5. 615,334/5 (both Associated).
- "DIANA" and "PLUSTEX": for surgical articles made of india-rubber (10) (IV). By M.A.M. Rubber Manufacturing Co., Ltd., Pound Lane, Willesden, London, N.W.10. 615,319/20.

COMMERCIAL NOTES

Canadian Chemicals Production.—Canadian production of chemicals and allied products during 1940 is estimated to have totalled \$184,152,900, or 15 per cent. more than in the previous year.

Chinese Menthol Production.—More than a dozen factories in China are understood to have been producing menthol crystals for export during 1940. The average price ranged between 30 and 40 yuan per lb., though much higher prices prevailed at some periods.

India Drug Restrictions.—The Government of India has issued an order, which comes into force immediately, restricting the import, manufacture, or sale of essential drugs. Manufacturers, importers, or sellers of such drugs must submit monthly returns of the quantity in their possession or control and must also keep a record of all purchases or sales.

Haitian Chemical Imports.—Imports of chemical and pharmaceutical products into Haiti during 1939-40 were valued at 810,833 gourdes (one gourde = 1s. approx.), compared with 1,097,514 gourdes in the previous year. Imports of perfumery and toilet preparations during the same periods were 519,018 gourdes and 641,713 gourdes, respectively.

Italian Pyrethrum Cultivation.—According to "Foreign Commerce Weekly," published by the United States Department of Commerce, efforts are being made in Italy to stimulate interest in the growing of pyrethrum on land adapted to the purpose but at present lying fallow. Normal Italian consumption of pyrethrum for the manufacture of insecticides is stated to be in the region of 1,500 metric tons annually.

Belgian Congo Pyrethrum Cultivation.—Thirty-four pyrethrum plantations are located in the Belgian Congo, and climate and soil in many eastern parts of the country, including Ruanda-Urundi, are said to compare favourably with those of Dalmatia and Japan. Production is limited at present by lack of skilled native labour, war-time transport difficulties, and mobilisation of some of the European growers into the army. Production, from being only three tons in 1938, reached twenty-two tons in 1939. The 1940 production was estimated at 1,000 tons, and yields of 250 tons in 1941, and between 800 and 1,000 tons in 1942 are forecast.

Kenya, Tanganyika and Zanzibar Import Licences.—A list of goods from the United Kingdom for which import licences will be required in the territory of Kenya, Tanganyika and Zanzibar includes industrial chemicals, medical supplies, surgical appliances, invalid and infant foods, extracts and essences, unexposed photographic films and plates, photographic printing paper, and razor blades. Importation of these goods is permitted, subject to limitations of quantity, provided they are unobtainable from other sources within the sterling area, and provided that indent for supplies are produced to the import controller at the time of application.

Foreign Trade of Nicaragua.—According to the Industrial Reference Service of the U.S. Department of Commerce, exports from Nicaragua changed little in character in 1940. There was a slight decrease in the total value of this trade, and some loss of overseas markets following imposition of the blockade of Europe by Britain. Germany, for some years a relatively good outlet for ipeacuanha, received none from Nicaragua during 1940, against 15,573 kilos, valued at \$37,285 in 1939. The United States increased its purchases from 19,061 kilos, valued at \$33,697 in 1939, to 21,784 kilos, valued at \$40,208 in 1940, and Japan took 1,046 kilos, valued at \$2,053 in 1940 (none in 1939), but total exports of ipeacuanha declined 37 per cent. in value to \$48,000 from \$76,000 in 1939. Balsam of Peru, despite loss of the German market, reached about the average amount (14,100 kilos, valued at \$18,900) in 1940, nearly all of which was shipped to the United States. A few other botanicals and natural products contributed to the total, but no statistics are available for these.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Economy Labels on Envelopes

SIR,—I received a note from the censorship authorities to inform me that the use of a gummed slip for the re-use of an envelope addressed to Northern Ireland is prohibited. Would it be possible for you to insert a note to this effect in the C. & D., as I suppose a great deal of the delay we sometimes experience here is due to the wrongful use of this gummed slip. The regulation quoted was S.R. and O., 1941, No. 359. It would be practically impossible for me to inform all the firms I deal with of this prohibition. Thanking you for your very useful paper.—Yours faithfully,
Armagh.
JOHN McKENNA.

The N.P.U. Memorandum

SIR,—The memorandum prepared by the National Pharmaceutical Union in reply to the questionnaire sent out by the Board of Trade (C. & D., September 20, p. 145) deals effectively with the three most important points: the serious depletion of qualified men which will be caused if all the pharmacists under thirty years of age are called up; the "dabbling" by unqualified traders in the sale of medicines and its effect on the limited supply of goods; and the way in which the transport problem is affecting deliveries of goods to retailers. According to figures given in the memorandum, there are 15,500 chemists' shops in England, Scotland and Wales, and about 24,000 chemists on the register. It is not stated how many of these pharmacists are engaged in hospital work, wholesale or manufacturing firms, or how many are retired or not actively employed in pharmacy, but the number qualified in retail pharmacy is at least equal to the number of shops. Exceptional businesses with two or more registered chemists may account for another thousand. Thus a call-up of 5,000 or 6,000 inevitably leaves some pharmacies without a qualified man, and there seems no alternative but to close them for the duration of the war. Those who, in the last War, tried to keep a dispensing service going through the influenza epidemic at the end of the year 1918, know how unwise it would be to risk a repetition. From the pharmacists' point of view there is also the danger that, with the suspension of so many regulations and restrictions under pressure of war conditions, the suggestion might be made that unqualified persons, with possibly a stated amount of experience, could fill the place of pharmacists as a temporary measure. Any such suggestion if promoted should be vigorously opposed. There is no sense in taking a trained and qualified man away from his duties to perform other work and to replace him by somebody without any qualification.

Despite the Limitation of Supplies Order there seem to be more and more shops "dabbling" in the chemist's business. In a recent visit to another district I noticed a boot repairer displaying an athletic rub and corn cures and foot applications, a fish shop with cod liver oil and a liniment on sale, a domestic store with part of the window and a counter devoted to proprietary remedies and packed drugs, a seed merchant who had a show of dog remedies, a baker who had carded drugs hung up behind the loaves; aspirin tablets appeared to be part of the stock in trade of almost every shopkeeper. When one receives the forms from the wholesalers for the supply of quota goods, and notes the cash value allotted, one cannot help wondering what the quota would be if the suggestion of the N.P.U. were adopted, and the sale of such goods by retailers who had not dealt in them previously were prohibited by regulation.—Yours faithfully,

DEFENSIVE (20/9).

MISCELLANEOUS INQUIRIES

Cold-mix Ice Cream Powder.—The following is a recommended formula, which will probably suit your purpose:—

Milk powder	..	..	..	..	2 oz.
Sugar, in powder	..	..	..	..	2 oz.
Vanillin sugar (1 : 50)	..	..	..	..	80 gr.
Gelatin, in powder	..	..	..	..	80 gr.

Mix the above powder with one pint of milk, or a mixture of milk and water, and set aside to allow the gelatin to dissolve, then place in the freezer. The vanillin sugar can be made as follows: Dissolve 3½ oz. of vanillin crystals in 17 oz. of alcohol and add to 9 lb. of finely powdered white sugar, stirring gently during the mixing. Let the sugar dry in the open air in an earthenware vessel, sift, and keep it in closed tins.

Contraceptives.—L. R. (1/9).—There is nothing in the Pharmacy and Medicines Act, 1941, which specifically prohibits the sale of contraceptives, whether mechanical or chemical. It might be argued, however, that an indirect restriction on the total amount of business conducted in contraceptives is imposed by Sections 1 (a) and 8 on certain traders; for example, where a business comprising the retail sale of drugs is being carried on at two or more sets of premises, certain poisons (not Part I poisons) may be sold without the supervision of a pharmacist, provided that (*inter alia*) the sale of drugs, medical and surgical appliances (including contraceptives) does not constitute a "substantial part" of the business carried on at the premises. This indirect restriction cannot at present be defined until the exact meaning of the term "substantial part" has been clarified. On the other hand, the Act places no such restriction on the sale of contraceptives, mechanical or chemical, which do not contain poisons, by drug stores which have no qualified chemist in charge, patent medicine dealers, hygienic stores, herbalists, hairdressers, etc. Chemical contraceptives which contain poisons within the meaning of the Act would have to be sold in conformity with the regulations governing the sale of such poisons.



SCABIES

A RAPID AND EFFECTIVE TREATMENT

In the great majority of cases of scabies, one treatment with 'Proscabin' produces cure. Unlike the ordinary preparations of benzyl benzoate, 'Proscabin' does not cause post therapeutic dermatitis, and it can be used with confidence in secondarily infected cases and in infants.

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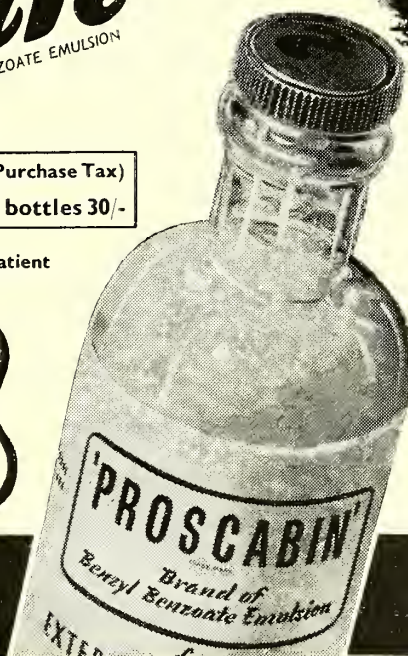
4 oz. bottles 4/- · 40 oz. bottles 30/-

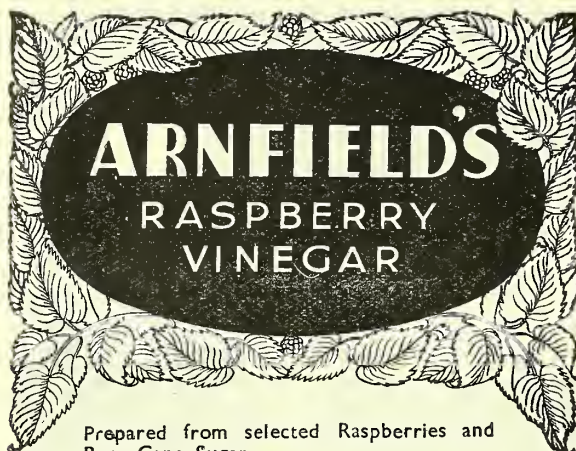
One 4 oz. bottle is ample for the treatment of one adult patient

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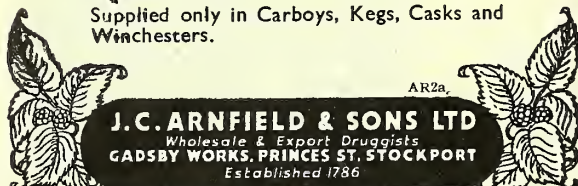
Prepared from selected Raspberries and Pure Cane Sugar.

This product is free from flavouring and added preservatives.

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Supplied only in Carboys, Kegs, Casks and Winchester.



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COVER YOUR REQUIREMENTS
NOW—LOWEST PRICE OBTAIN-
ABLE FOR THE PAST THREE YEARS!

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We guarantee regular turnover to Manufacturers of good selling lines. We are Manufacturers' Sole Agents and Importers covering the whole of South and Equatorial Africa. Our customers are the leading wholesalers, chain stores, chemists, druggists, bazaars, etc. British references. We will welcome detailed proposals with full sample range.

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Insulin-Boots
Isoflav (Solution Tablets Buffered Proflavine Sulphate Isotonic)
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Phrenazol (Pentamethylenetetrazol)
Protamine Insulin (with Zinc) Suspension-Boots
Pylumbrin (Diodone)
Rusven (Russell's Viper Venom)
Stilboestrol-Boots (Diethylstilboestrol)
Sulphanilamide-Boots
(p-aminobenzenesulphonamide)
Synthovo (Hexoestrol)
Varistab (Ethanamine Oleate)

Enquiries should be addressed to

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BOOTS PURE DRUG CO. LTD NOTTINGHAM, ENGLAND

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Telegrams: Drug, Nottingham

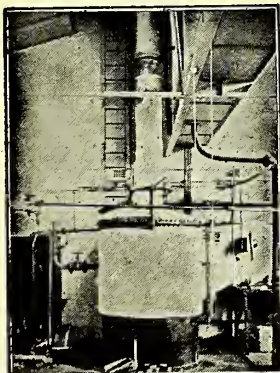
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BROVON Asthma Inhalant, faithfully replacing BRONCHOVYDRIN, and actually excelling the original product in stability.

Our VYDRIN Inhalers are specially made to provide extremely fine atomisation of BROVON, so ensuring the best results.

NEDA Fruit Cubes. We have been using the German name NEDA since 1939 for these ideal Laxative Fruit Cubes for young and old. A new British name MONEEDA will soon replace the German one, along with an attractive new pack in black and cerise.

HAEMOVIN, the proved remedy for piles, replacing the German product HADENSA.

Other products include Basch Tablets, Elopills (Leopillen), Ephisoquin, and Sperol, a new spermicidal tablet of outstanding merit.



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CALDER YEAST Tablets

Yeast Improves the Complexion

50 TABLETS 7d. 100 TABLETS 1/-

Discounts : Retail 33 $\frac{1}{3}$ % Wholesale 16 $\frac{2}{3}$ %

Carriage paid on all orders

Obtainable in Cartons of 1 & 2 doz. bottles containing 50 tablets, and Cartons containing 1 doz. bottles of 100 tablets

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PRIVATE FORMULAS COMPOUNDED BY EXPERTS STRICTEST SECRECY OBSERVED
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*Speciality—***CONTRACEPTIVES: Tablets and Jellies**

In these trying times —



INDICATIONS
General fatigue and debility, hypertension, infective conditions, night blindness.

PACKINGS AND PRICES

80 tablets	.	.	.	3/4½
250 tablets	.	.	.	9/6
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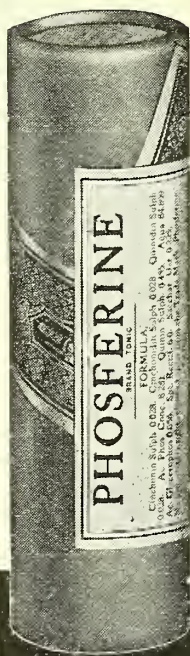
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Now is the time to keep up your stocks of both Liquid and Tablets.

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VITAMINS 'A' & 'D'

Each Capsule contains 7,000 I.U. of 'A' and 900 I.U. of 'D.'

FOR RAPID ADAPTATION OF VISION IN
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**TO COMBAT THE
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Price **2/3**
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Sold by Chemists

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"OXOID" BRAND
VITAMINS 'A' &
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BOX'S PILLS BRING VICTORY OVER INDIGESTION, AND PROFIT TO YOU

A writer has said
that to avoid
Indigestion in
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to be young
or tough,
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another way
of doing so
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BENZEDRINE BRAND INHALER

**Available until
December 15th, 1941, unless previously cancelled**

For window or counter display over a period of at least fourteen days, bonus terms of 13 to the dozen are available on minimum orders of three dozen 'Benzedrine' Inhalers, at 15/5 a dozen

**IMPORTANT—THE FACE PRICE OF THE INHALERS IS NOW 1/9, AND
THE RETAIL PRICE WITH PURCHASE TAX ADDED IS THEREFORE 2/-**

Standard 'Benzedrine' Inhaler Bonus Parcels

3 doz. Inhalers at 15/5
per doz. . £2 6 3

PURCHASE TAX ON:

Goods as above . £2 6 3
Bonus (three) . 3 10

16 $\frac{2}{3}$ % on . £2 10 1 8 4
£2 14 7

Less 2 $\frac{1}{2}$ % on £2 6 3
for cash with order . 1 2
£2 13 5

6 doz. Inhalers at 15/5
per doz. . £4 12 6

PURCHASE TAX ON:

Goods as above £4 12 6
Bonus (six) . 7 8

16 $\frac{2}{3}$ % on . £5 0 2 16 8
£5 9 2

Less 7 $\frac{1}{2}$ % on £4 12 6
for cash with order . 6 11
£5 2 3

NOTE: Calculated as above, the net value of an order accompanied by cash for:—
9 doz. 'Benzedrine' Inhalers is £7 13 5; 12 doz. 'Benzedrine' Inhalers is £10 4 6

Orders for 6 dozen or more are subject to a discount of 5%, cash 30 days. An extra discount of 2 $\frac{1}{2}$ % will be allowed on direct orders accompanied by cash.

Whether an order is placed or not, a showcard and a sample for personal use or demonstration purposes will be gladly sent on request to retail pharmacists in business.

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ANNOUNCEMENT

As our Laboratories are engaged on work of National importance, we would ask you to bear with us if orders cannot be dealt with as promptly as in the past. At the same time we are doing our utmost to keep the Trade supplied with our products and orders will be dealt with as soon as possible.

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BRAND

FAMEL SYRUP

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OPTREX LIMITEDWADSWORTH ROAD, PERIVALE, GREENFORD
MIDDLESEX**GREAT NEWS ABOUT
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LOWER price to **PUBLIC!**
MORE profit for **YOU!**
UNRESTRICTED SALES!
ADVERTISING remains at same large scale!

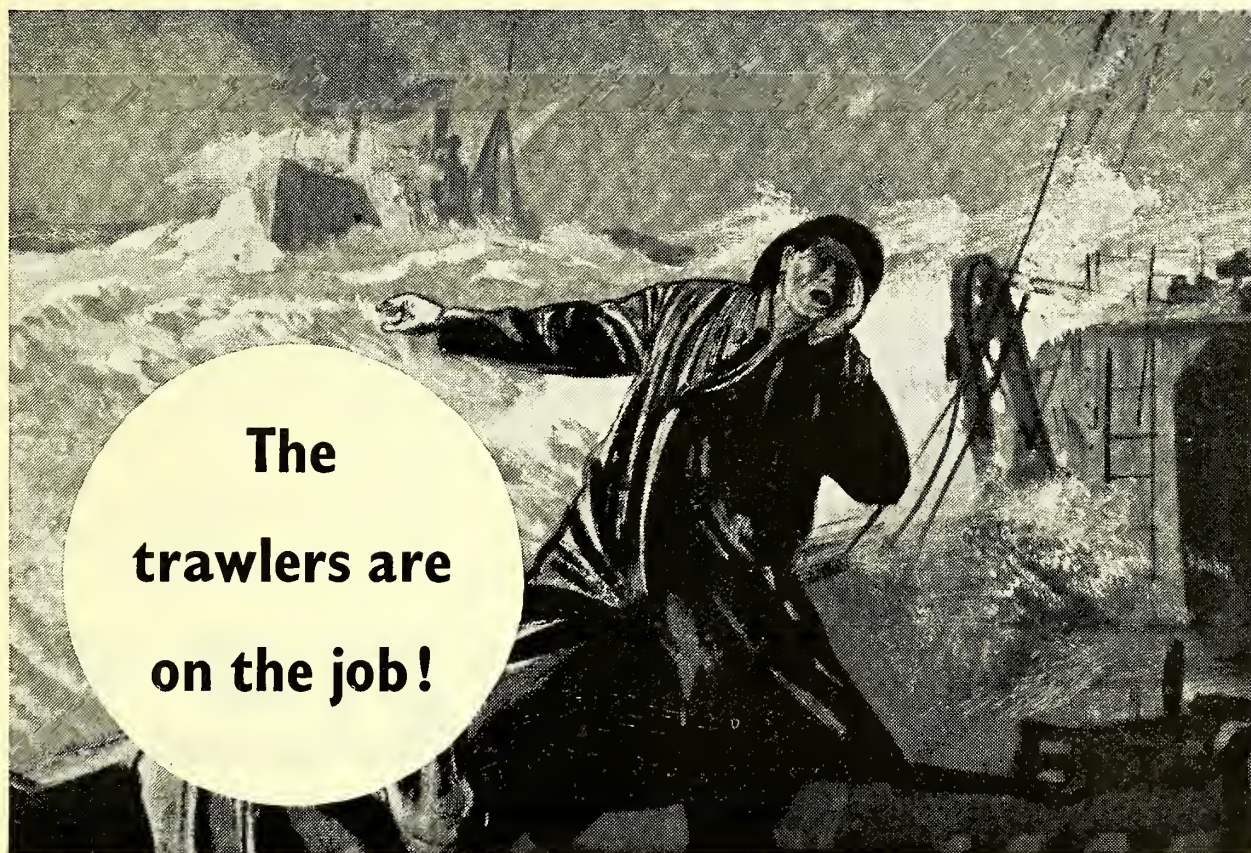
A rapid selling line becomes a record-breaker! At its new lower price CURICONES will sell even more quickly, make even more profit for you. The same volume of advertising will back this famous Rheumatic remedy ... and, remember, the Limitation of Supplies Order DOES NOT APPLY TO CURICONES. You can sell as many as you can find customers for!

You sell the old	You buy at	Your profit is
5/- line at 4'6 (plus 6d. Tax)	3' - 36/- doz.	1'6
14/- line at 12'7 (plus 1/5 Tax)	8'5 101/- doz.	4'2
24/- line at 21'7 (plus 2/5 Tax)	14'5 173/- doz.	7'2

**YOU MAKE A CLEAR
50% ON YOUR PURCHASE PRICE
33 $\frac{1}{3}$ % ON YOUR SELLING PRICE**

More than ever before CURICONES can now help you to bridge the gap between your pre-war turnover and your present-day receipts. Almost every customer is a sufferer from Rheumatic Ailments of some kind. Keep CURICONES well displayed. Keep ample stocks and from now on make CURICONES your "bread-and-butter" standby.

STEPHEN MATTHEWS & CO., LTD.
19/21 Farringdon Street, London, E.C.4



**The
trawlers are
on the job!**

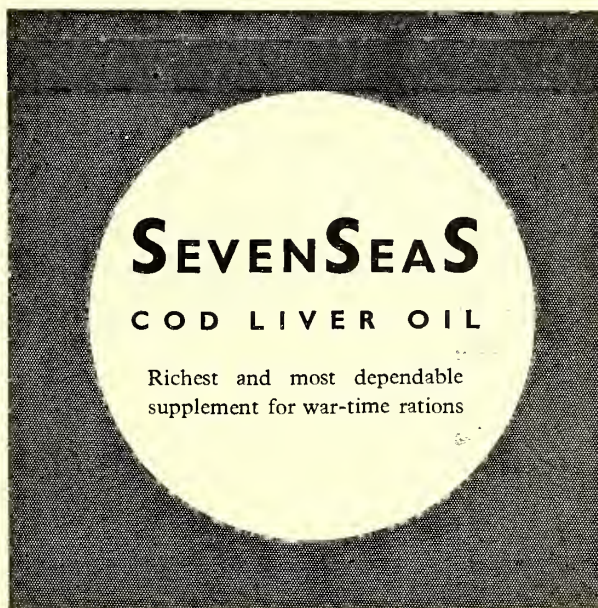
Into the perilous seas they go to build up the stocks of Cod Liver Oil which are going to keep the nation fit in the days ahead. The other half of the job is *yours* — to see that stocks are adequate in your pharmacy. Distribution takes time these days and transport will be much more difficult when winter comes . . .

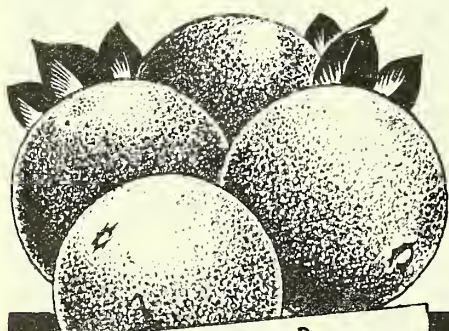
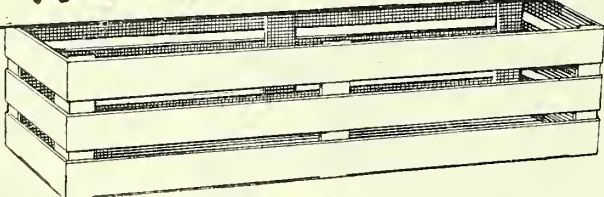
Get your stocks of SevenSeaS *now*. They are a good investment. People are turning to Cod Liver Oil as the best supplement to rationed food. The demand is already enormously expanded. Don't let your stocks of SevenSeaS get low, order *now* — and in your own interest continue to order well in advance. The SevenSeaS national advertising has only just commenced.

Many things are scarce and many qualities have altered, but you can still get plenty of SevenSeaS

and its quality and purity remain unaltered.

SevenSeaS is available in three forms: Standard Oil, Concentrated Oil, and Concentrated Oil in Capsules. All SevenSeaS is tested biologically and is always pure and fresh.



NO ORANGES

SOLD IN
4'6 BOTTLES & 6^D. PACKETS
40 Orange Size 4 Orange Size

TRADE PRICES
40'6 PER DOZ. 57'1- PER GROSS
(i.e., 25% Profit) (i.e. over 20% Profit)

Packed in 1 doz. lots Packed in 6 doz. lots
Cash with Order

**BUT YOU CAN SELL
"SEVILA"**

THE PERFECT ALTERNATIVE

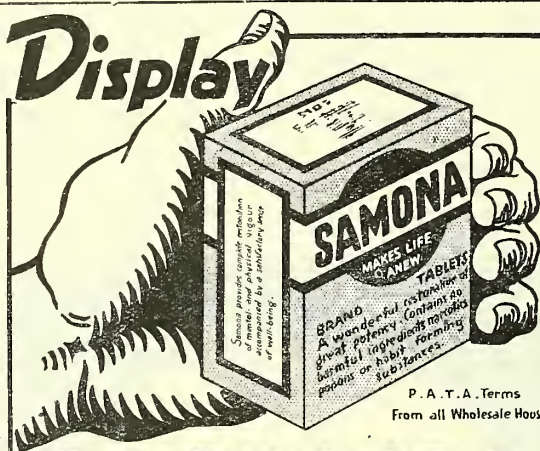
- ★ SEVILA is not just another orangeade—it is the perfect alternative for oranges and should be used for all purposes where fresh orange juice is required, i.e., cooking, making cakes, puddings, sauces, drinks, etc.
 - ★ Owing to its rich glucose and mineral salt content reinforced with Vitamins C and D, SEVILA is an invaluable energiser for war workers, babies and invalids. A daily glass of SEVILA for children is the finest alternative for fresh orange juice.
 - ★ Supplied in powder form in new moisture proof pack. Sweetened ready for use.
 - ★ National advertising now appearing—display material available.
- OTHER MORLEY ROGERS PRODUCTS:**
Morley's LEMON Flavouring Morley's "LIMEX"

Manufactured by:

Morley Rogers & Co., Ltd., 290 Kingston Rd., Merton Park, London, S.W

SEVILA

The Perfect Alternative for Oranges

Display

P. A. T. A. Terms
From all Wholesale Houses

SAMONA

THE WONDERFUL MEDICAL RESTORATIVE
which brings immediate benefit in all cases of

**NERVE STRAIN
DEPRESSION
TIRED and LISTLESS APPEARANCE
MENTAL AND PHYSICAL
EXHAUSTION**

Prices 3s. and 5s. (more than double quantity)

Exclusive of purchase tax
SAMONA, LTD., 16 CHARTERHOUSE ST., LONDON, E.C.1

It's no gamble to stock

TOWN TALK

—because 15,000,000 women read
TOWN TALK SILVER POLISH
advertisements each month

ORDER DIRECT OR FROM

MANCHESTER:

D. Mawdsley & Co.
James Woolley Sons & Co.,
Ltd.

LEEDS:

Goodalls (Leeds), Ltd.

LEICESTER:

E. H. Butler & Son.

NEWCASTLE-ON-TYNE:

Wilkinson & Simpson, Ltd.

LONDON:

Brooks & Warburton, Ltd.
May, Roberts & Co., Ltd.

Butler & Crispe.

LIVERPOOL:

Ayrton, Saunders & Co., Ltd.

THE TOWN TALK POLISH CO., MANCHESTER, 10

ROBINSON'S 'PATENT' BARLEY

ALTERATION IN PRICE

Further substantial rises in production costs have made it necessary to revise quotations for this product as from Monday, September 22nd, 1941. The new consumer prices are—

1 lb size 1/7½d. per tin

½ lb size 10½d. per tin

The ¼ lb. size is withdrawn

KEEN, ROBINSON & CO. LTD.
NORWICH

**Old stocks of
NEAVE'S FOOD
replaced
FREE**

Any Chemist whose stock of Neave's Food was purchased over 12 months ago is invited to send particulars of quantities and dates to Neave's Food, Ltd., Fordingbridge, Hampshire. Fresh supplies will then be despatched carriage paid and the old stock can be destroyed.

DATE OF MANUFACTURE ON EVERY TIN

The date of manufacture appears in code figures on every tin. The first two figures indicating the *year* and the following figures the *month* packed.

INSPECTION

A representative may call to inspect the condition of the food in your possession, but notification of any such intended visit will be sent you.

Neave's Food

NEAVE'S FOOD, LTD.
FORDINGBRIDGE, HAMPSHIRE



The shopkeeper doesn't like turning you away, but when there aren't enough to go round he has to hang out his notice.

Our productive facilities are fully employed on the manufacture of those varieties of bottles which formed the greater part of our output before the war—bottles for medicines and for the packing of drugs and pharmaceutical preparations. Much of this output is earmarked for government use and for export; the remainder we are doing our best to distribute fairly between our friends in accordance with their customary requirements.

We cannot now undertake orders for non-essential purposes, such as bottles and jars for toilet preparations.

Deliveries in all our normal lines are being maintained, as far as lies in our power, and we believe that our policy of fair apportionment will meet with general approval.

Beatson, Clark & Co. Ltd.
MANUFACTURERS OF
Chemical & Medical Glass
ROTHERHAM YORKSHIRE
ESTABLISHED 1751



BC 37

"VISKAPS" and "VISKRINGS"

These quality closures give an attractive finish to any pack and ensure hygiene and security. Can be supplied wet or dry, in transparent or opaque quality, in almost any shade. They are the original self-shrinking Viscose seals.

"Viskrings" provide an alternative to the full cap when it is desired to leave the top of the container uncovered.

If you will send us one of your containers we will gladly seal it and return for your inspection free of charge.

VISCOSE DEVELOPMENT CO. LTD.
BROMLEY, KENT

Telephone: RAVENSBORNE 2641

"Adaptocaps"

SELF-SEALING CAPSULES

FOR ALL BOTTLE CAPPING LONDON MADE

THE CAPSULE REMOVER ENSURES EASY AND RAPID REMOVAL OF THE CAPSULE. IT ALSO ADDS A SEAL OF QUALITY

THE LONDON CAPSULE CO.
EMPIRE WORKS • MITCHAM ROAD • CROYDON
Telephone: THORNTON HEATH 1234/5



SAVES STEEL AND MONEY

MINIMUM
RETAIL PRICE

1/6 (INCLUDING
PURCHASE TAX)

EACH PACKED IN A
SEPARATE CARTON
WITH INSTRUCTIONS
FOR USE.

ATTRACTIVE WHOLE-
SALE TERMS ON
APPLICATION TO THE
MANUFACTURERS.

BY MAKING ONE SAFETY-RAZOR BLADE
LAST FOR HUNDREDS OF SHAVES.
THESE HONES ARE MADE IN GLASS
OF UNIQUE PROPERTIES WITH A
SPECIALLY PREPARED SURFACE AND
ARE PATENTED THROUGHOUT THE
WORLD.

WOOD BROS. GLASS CO., LTD.

(DEPT. H.1)
ESTABLISHED 1828

BARNSELY

TELEPHONE 3637-8-9

ENGLAND

TELEGRAMS: "WOODS, BARNSELY"



ORANJEAST

is NOT AN ORANGE
SUBSTITUTE but a
tonic yeast drink in
a novel and pleasing
form

You can sell easily

This NEW TONIC FOOD DRINK

The Strengthening Qualities of YEAST.

The Delicious Flavour of Oranges

Oranjeast is a tonic yeast drink in a novel and pleasing form. It possesses the healthful qualities of yeast plus the luscious flavour of oranges. Rich in Vitamins B.1. and B.2., also Proteins. Oranjeast is a harmless stimulant, a potent energiser, and a reliable pick-me-up as well as being one of the pleasantest drinks obtainable today.

**ORANJEAST HAS BEEN AWARDED THE CERTIFICATE OF
THE ROYAL INSTITUTE OF PUBLIC HEALTH AND HYGIENE**

Regular National Advertising starts October 1

ORDER A SUPPLY NOW

WHOLESALE

81/-

per gross

RETAIL

9d.

per pkt.

PROFIT

27/-

per gross

**ORDER ORANJEAST through your usual wholesaler or
MAW, SON & SONS, LTD., ALDERSGATE HOUSE, NEW BARNET**

ORANJEAST

The Morning and Evening Drink for Health and Pleasure

THAMES CHEMICALS, LTD., 2 THE GREEN, RICHMOND, SURREY

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

SEPT. 27
1941

28 ESSEX STREET, LONDON, W.C.2

IMPORTANT TO SUPPLEMENT ADVERTISERS

Instructions for supplement advertising are now accepted in London and at Bath. London press times have been advanced to first post WEDNESDAY morning of week of issue but instructions will still be accepted up to first post THURSDAY morning if sent to Bath. Advertisements received after these times will be inserted the following week.

THIS IS THE TARIFF

AGENCIES,
GOODS FOR SALE,
PARTNERSHIPS,
PATENTS,
PREMISES TO LET,
FOR SALE or WANTED

7/6 for 36 words or less,
2d. for every additional
word.

Box Office Number 1/- extra.

SITUATIONS WANTED 2/6 for 18 words or less, 1d. for every additional word. Box Office Number 1/- extra.

ALL ADVERTISEMENTS MUST BE PREPAID. To avoid disappointment send your instructions as early in the week as possible to THE CHEMIST AND DRUGGIST, THE PITMAN PRESS, BATH or to London Office at 28 Essex Street, Strand, London, W.C.2

LEGAL NOTICES,
SALE BY AUCTION,
TENDERS—AND ALL
SPECIALLY SPACED
ANNOUNCEMENTS

1/9 per nonpareil line.
(12 lines=1 inch, single
column.)

Box Office Number 1/- extra.

BUSINESSES for
DISPOSAL
BUSINESSES WANTED
SITUATIONS OPEN

7/6 for 40 words or less,
2d. for every additional
word.

Box Office Number 1/- extra.

EXCHANGE COLUMN 2d. per word, minimum 3/-
(for Retailers, etc.) Box Office Number 1/- extra.

MISCELLANEOUS SECTION
(for Wholesalers, etc.),
for odd and second-hand
lots.

12/6 for 60 words or
less, 1/- for every addi-
tional 10 words or less.
Box Office Number 1/- extra.

ASPIRIN GRANULES B.P. WANTED

Regular deliveries required in quantities
up to 1 Ton per week

FOR SPOT CASH

Write in confidence in first instance to
MR. LEWIS

**46 ARKWRIGHT ROAD
LONDON, N.W.3**

Telephone No. Hampstead 1958

**LIPSTICKS IN CASES LIPSTICK REFILLS
VANISHING CREAM FACE POWDERS**

TRADE ENQUIRIES INVITED

Write "COSMETICS," Box No. 100 c/o POOL'S ADVTG. SERVICE LTD.
BRETTENHAM HOUSE, LANCASTER PLACE, W.C.2

TOILET ROLLS

Made of Pure Tissue Paper. Pre-War Quality.

Apply for Sample and offer to

**BRITISH UNICORN, LTD.,
122 LONDON WALL, E.C.2.**

OPTICAL TUITION

FOR THE

S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations
Particulars—

C.A. SCURR, F.S.M.O., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.
50 HIGH STREET, BARNET, LONDON, N.

SALE BY AUCTION

Removed from HENDON, Eltham, and NEW
BOND STREET

2 to 5 LITTLE BRITAIN (close to G.P.O.) CITY
Practically new PLATE GLASS SHOWCASES
and COUNTERS, all by POLLARD & CO., both
in Mahogany and Light Oak, also Mirrors, Cash
Tills, Display Stands, and General Shop and Office
Equipment.

B. NORMAN & SON

will sell by Auction on Thursday next, October 2,
at 12 noon. View Day prior. Catalogues on
application. Tel.: KELVIN 3680/1.

SITUATIONS OPEN

RETAIL (HOME)

A GOOD post is offered to experienced unqualified Lady
Assistant (20 to 25), chiefly for Counter duties. Must have
had previous experience in good-class Pharmacy. Particulars
of salary required to B. Salter & Son, 34 Castle Street, Shrews-
bury.

A APPLICATIONS invited for Pharmacists, age 36 years or
over, for Managership of retail Pharmacy, Liverpool area.
Permanent position. Salary £5 5s. per week, plus commission
on profits. CDB/747, London Office of this Paper.

(continued overleaf)

SITUATIONS OPEN—contd.

RETAIL (HOME)

BIRMINGHAM. Experienced Unqualified Assistant required for store business in Birmingham. Good wages and conditions. Write CDB/761, London Office of this Paper.

BIRMINGHAM Chemist has vacancy for good Unqualified Assistant. Must be capable of handling N.H.I. Dispensing. Write CDB/762, London Office of this Paper.

NORTHAMPTON. Qualified Assistants required with view to Management shortly, if suitable. Comfortable position. No Sunday half day or holiday duty. Write CDB/763, London Office of this Paper.

DISPENSER (lady or gentleman), market town, reception area; permanency. Please state age, experience, etc., and when available. Croasdale, Chemist, Cornhill, Bury St. Edmunds, Suffolk.

GILLINGHAM CO-OPERATIVE SOCIETY Ltd. requires a Chemist, male or female, exempt military service. Apply stating age, experience and wages required to Managing-Secretary, 142 High Street, Gillingham, Kent.

LADY Assistant required for good-class general business. Short hours. No Sunday or half-holiday duties. Apply, giving full particulars, to J. W. Feltwell, Ltd., 91 Hammersmith Road, London, W.14, nr. Olympia.

LADY Pharmacist required now with a view to taking over Management upon expiration of deferment, at high-class pharmacy in pleasant London suburb. A permanent position as such is available and not for the duration only. The position demands the services of one possessing much interest and ability in business methods and salesmanship, for skill in pharmacy alone would not suffice. Excellent prospects and remuneration offered. 388/273, London Office of this Paper.

LADY Pharmacist required, soon as possible, for Dispensing and Counter Work in good-class business. Apply with full particulars to E. Fisher's, Ltd., Chemists, Melton Mowbray, Leicestershire.

NEAR Cambridge—reception area—good Dispenser (lady or gentleman). £4 permanency offered to suitable applicant. Please give usual particulars in first letter. CDB/749, London Office of this Paper.

PERMANENCY. Qualified Male as Branch Manager. Apply by letter, giving full particulars re age, experience, salary required, etc., to Secretary, Dowsbury Pioneers' Industrial Society Limited, 43 Northgate, Dowsbury, to arrive not later than first post, October 7th. Endorse "Pharmacy."

PHARMACIST (Lady) required. Hours 9-12.30 each weekday, except Wednesday and Saturday (9-3). Salary £125/£135 per annum according to experience and ability. Applications (marked "Pharmacist") stating age, experience and two references, to Secretary, Nottingham & Midland Eye Infirmary, Ropewalk, Nottingham.

QUALIFIED Lady Assistant or Dispenser (Hall), with retail experience for good-class family business. Full particulars and salary required to J. W. M. Baugh, Ongar, Essex.

QUALIFIED Branch Managers wanted for permanent positions in London. Good prospects. Apply 386/198, London Office of this Paper.

QUALIFIED Manager required for Branch in Essex. House attached. Apply by letter, stating age, experience and salary required, to Shadforth Prescription Service Ltd., 63 Grove Road, Bow, London, E.3.

TAYLORS CASH CHEMISTS (London) Ltd. have vacancies for competent women Unqualified Assistants with or without dispensing knowledge. Permanent employment with excellent prospects. Apply by letter to Retail Staff Manager, Taylors Cash Chemists (London) Ltd., 70 Vauxhall Bridge Road, London, S.W.1.

TIMOTHY WHITES & TAYLORS Ltd. require Competent Unqualified Assistant for their Newbury branch, safe area. Good conditions. Apply by letter to Retail Staff Manager, Timothy Whites & Taylors Ltd., 70 Vauxhall Bridge Road, London, S.W.1.

TIMOTHY WHITES & TAYLORS Ltd. Consequent upon the call up of Pharmacists for military service, applications are invited from Pharmacists not liable for military service, for employment in the following districts: South of England, including Portsmouth area. Greater London area including Dagenham, Slough, Dartford, Barking, Chelsea and Surrey. Midlands, including Birmingham, Northampton and Leamington. North of England. Applications should be addressed to Retail Staff Manager, Timothy Whites & Taylors Ltd., 70 Vauxhall Bridge Road, London, S.W.1.

UNQUALIFIED Assistant required (Male or Female); Dispensing and Counter. Good hours and conditions. State age, salary required, and when free, to Manager, Pharmacy Department, Ipswich Industrial Co-operative Society, Ltd., Carr Street, Ipswich. Endorse envelope, "Unqualified Assistant."

WANTED. Qualified Manager for Agricultural Business. Live on Premises. Early September. 386/194, London Office of this Paper.

WANTED, Qualified Pharmacists, males over 30 years of age, females any age, for Pharmacy Departments in modern Stores. Good salary and prospects. 388/271, London Office of this Paper.

WANTED, Qualified Chemist to act as cover; middle aged or aged; light duties; wages not more than £3 per week; in London N.E. district. CDB/759, London Office of this Paper.

WHOLESALE

ASSISTANT Laboratory Chemist required for manufacture of Cosmetic and Toilet Preparations. Apply stating experience, qualifications (if any) and salary required, in strictest confidence, to Northam Warren, Ltd., 615/617 Trading Estate, Bath Road, Slough, Bucks.

FIRST-class Man with full knowledge of Cosmetics required. High wage for a good man. 389/275, London Office of this Paper.

INVOICE Clerk required for London Wholesale Druggists. Write, stating experience, etc., 365/381, London Office of this Paper.

MANUFACTURING Chemists require Assistant Chemist (qualified), preferably with science experience. 388/267, London Office of this Paper.

MIDLANDS AND S. WALES. Old-established Manufacturing House requires the services of a Representative with some Retail experience, to work and extend existing connection. State territory covered, experience and nature of goods previously carried, age, remuneration required and when available, all in first letter, which will be treated in confidence. CDB/757, London Office of this Paper.

REPRESENTATIVE required for part of Middlesex and West and South-west districts of London, by Manufacturing Chemists engaged on vital Government work. Experience in fine chemical or pharmaceutical trade essential. Applicant should have M.P.S. qualification, age between 30 and 45; previous experience as representative absolutely necessary. Excellent prospects for right man. 389/278, London Office of this Paper.

TABLET Maker required (Essex), for the production of Saccharin Tablets. Write full details, including salary required, to CDB/752, London Office of this Paper.

TABLET Maker wanted, exempt military service; experience all processes tablet manufacture. Write, in first instance, giving age, experience, and wages required, H. H. F., Hirst Brooke & Hirst, Ltd., Leeds.

WAREHOUSEMEN and Porters wanted by City firm of Manufacturing Chemists. Write, stating age, experience, etc., to 388/261, London Office of this Paper.

QUALIFIED CHEMIST required by established London Firm producing Tablets, Pills and Packed Goods. Excellent opportunity for a man of ability and initiative; must be good organiser and capable of controlling staff. Candidates should have experience in the production, manufacture and packing of Chemists Packed Lines and knowledge of D.D.A. an advantage. The appointment offers considerable possibilities for advancement. Full details of experience, stating age and salary required. No stamps. CDB/756, London Office of this Paper.

SITUATIONS WANTED

RETAIL (HOME)

ASSISTANT, competent Dispenser, Salesman; elderly, unqualified. Accustomed to manage. Statim, 20 Jellicoe Avenue, Monks Road, Lincoln.

EXPERIENCED qualified Locum, or winter engagement arranged. Exceptional experience Dispensing; free as desired. Harris, Corn Square Pharmacy, Leominster.

LADY with 10 years' knowledge of Toilets and Drugs and with excellent Counter experience, desires position with London Chemist. No dispensing. Keen and energetic. L., 486 Seven Sisters Road, London, N.4.

MIDDLE-AGED Chemist, with retail, wholesale and travelling experience, would like part-time work in London. Four pays free weekly. 44 Charlesville Mansions, London, W.14.

M.P.S. 37, desires Ma or Partnership; complete pathological equi Anywhere, Country. Oldin

WFALE

CHEMIST (M.P.S.I.), at England, preferably promotion; age 28 years. and therapeutics; also ret offered. CDB/765, London

EXPERIENCED Qualifie service, requires situa sales record; good connex Willing to pioneer new pro CDB/738, London Office of

LADY, 31, skilled in bu chemical organisation. Paper.

PROCESS Worker desir 388/274, London Office

REPRESENTATIVE, 34 Change. Twelve year roughly experienced calling 389/277, London Office of th

TRAVELLER with comm Counties, seeks repres lines on commission basis. R Court, East Sheen, London.

TRAVELLER, 43, exemp excellent chemists' con South Wales, desires add London Office of this Paper

WAE

EYE Mascara Brushes req and lowest quotation. Paper.

LIPSTICK cases, bottles an any quantity. "Winn" Chorley Wood, Herts.

OILS or Fats and Glycer Box 56, Pool's, Bret W.C.2.

SEVERAL sets Punches various types of mac urgently wanted. Will any them please communicate in Office of this Paper.

TUBE-FILLING Machine Price, particulars, etc nr. Leeds.

WANTED by England's Miniature Cameras, ext Leica, Contax, Ikontas, etc. quotas. Wallace Heaton, L

WANTED for Spot Cash Registers, Personal W Safes, etc.; any quantity in Road, Harrow, Middlesex. I

WANTED

WE want to exchange 6 Tartaric Acid. Other W Write to 388/272, London O

AGE

AS Eire Distributors, old- Chemists, Hairdressers, etc., require one or more Pro commission basis. A. W. M Street, Dublin.

OLD-established Agents in principal cities, require pared to purchase for cash in this Paper.

with view to succession
experienced in Pathology;
and limited capital available.
High Street, Aldershot.

SALE

Dublin, requires position in
ale house with chances of
wledge medical propaganda
backing trade. State wages
this Paper.

entative; exempt military
a firm of repute; excellent
lands and Eastern Counties.
line or open new territory.
er.

erations, requires post in
64, London Office of this
Paper.

age. Midlands preferred.
Paper.

ilitary service, desires
esale Drug Trade. Tho-
ists and doctors. Own car.

among Chemists, Southern
or would carry suitable
Betterton, 47 St. Leonard's

service, car owner, with
Midlands, South-West and
representation. CDB/758,

ED

ny quantity. Send sample
/268, London Office of this

ars or pots for face creams,
9 Blacketts Wood Drive,

o Block Stearine wanted.
House, Lancaster Place,

es for tablet-making for
particularly MANESTY—
a position to manufacture
ly with CDB/755, London

preferably power-driven.
ulse, Ltd., Woodlesford,

Photographic Dealers. All
s and accessories, Rolleiflex,
s for Leica, etc. Will buy
ew Bond Street, W.1.

nal and Remington Cash
(Id. in slot), Typewriters,
d. A.B.M., Ltd., 4 Pinner
ARrow 2598.

CHANGE

lucose against Citric and
le propositions considered.
is Paper.

ES

and firm Sales organisation,
eumpeachable references,
y lines for distribution on
t, Ltd., 65 Middle Abbey

Manufacturers, depots in all
final first-class lines. Pre-
CDB/724, London Office of

FOR SALE

VAN CREAM (super quality), 11s. 6d. per doz. 1-oz. jars, 21s. for 2-oz. jars. 11 mm. **LIPSTICK**, 10s. per doz.; V-shape, 12s. per doz. **DEODORANT**, 12s. per doz. **HONEY ALMOND CREAM**, 10s. **SKIN TONIC LOTION**, 12s. per doz. **HAIR TONIC** (similar to "V" Tonic), 12s. doz. 4-oz. bottles. Strictly limited supplies. Orders in rotation. C.W.O. only. **Abbotts Druggists Ltd.**, 327 Edgware Road, London, W.2.

BEST quality Lipsticks (Light, Medium and Cyclamen) in plain bakelite black holders. Outstanding value, 21s. per dozen. Cash with orders. **Gene Products**, Regency House, Warwick Street, W.1. Limited supplies only.

FACE Powders, good quality, boxed, 17s. 6d. doz. Shampoo Powders, attractively packed, 36s. per gross. Lipsticks in bakelite cases, to retail, 4s. 6d.; 36s. doz. Refills, superior quality, wrapped cellophane, 17s. 6d. per doz. Vanishing Cream and Cold Cream, jars, 16s. per doz. Cash with order. Satisfaction or cash returned. **Gene Products**, Regency House, Warwick Street, London, W.1.

FOR disposal, 500 strong Ash Wood maturing trays, 28 in. x 20 in. Will stack with 3-in. clearance. 5s. each ex London factory, or nearest offer for part or whole. **Ava, Ltd.**, 9 Park Hill, Clapham, London, S.W.4.

FOR Sale, 5 tons Dicalcium Phosphate suitable for human consumption. Buyers please write to 388/269, London Office of this Paper.

GENUINE Offer. Superfine Face Powder in de luxe boxes, 18s. doz., retail 2s.; also attractive Lipsticks in large polished bakelite cases, 36s. doz., 4s. 6d. retail. **F. W. S.**, 95 Heathcote Road, Whitnash, Leamington Spa.

SCALES, four Beam to weigh respectively 56 lb., 10 lb.; two, All Brass, 2 lb. each; another no beam, with deep scoop, Brass, 5 lb. Prices: 1st, £4 15s.; 2nd, £4; 3rd, each £2 15s.; 4th, £3. Market wanted for 4 cwt. Flour Sulphur, 2 cwt. Rock ditto; 4 cwt. Bicarbonate Soda. Samples on request. **Fred Rushton**, 14 Summit Close, Kingsbury, London, N.W.9.

BUSINESS OPPORTUNITIES

ADVERTISER is prepared to purchase outright or take, financial interest in medicinal proprietary article with view to nationally advertising same. Send particulars in confidence to Box 389/276, London Office of this Paper.

BUSINESS WANTED

DRUG Store wanted, but Pharmacy considered. Turnover £900 to £1,500 per annum. Good clean stock, preferably lock-up, but not essential. Must be in "safe area." No others considered. Full details, including suggested time for interview. **CDB/753**, London Office of this Paper.

MISCELLANEOUS

FIRM with thousands of live accounts, depots in all cities, require first-class lines. Will pay cash for all goods and attend to the distribution. **CDB/725**, London Office of this Paper.

QUOTA: CLASS 16

Established Firm desires to purchase any available quota in above class. Offers invited. **387/236**, London Office of this Paper.

QUOTA, Classes 14 and 16. Advertiser desires to purchase available quota in the above classes. Offers to **CDB/751**, London Office of this Paper.

SHREWSBURY firm of Manufacturing Chemists are willing to take on manufacture and/or packing, and/or dispatch of Medicinal Products. Apply, **Willington Medicals, Ltd.**, 87 Whitchurch Road, Shrewsbury, Shropshire.

BUSINESSES FOR DISPOSAL

LANCS. Industrial town, safe area. Present t.o. about £50 p.w. plus N.H.I. £8-9,000 p.a., plus small optics about £4 p.w. Rent and rates, 33s. p.w. (own property). High profit ratio. Purchase price £1,300. Stock approx. £700, all saleable. Also branch p.p. £1,000. Particulars to genuine applicants. **CDB/748**, London Office of this Paper.

LIGHT Retail and Dispensing (N.H.I.). Sound business, Ealing district. De-reservation sole cause. Will take value of stock and fixtures for quick sale. **CDB/766**, London Office of this Paper.

OLD-established Drug Store and Chemists' business in West Riding industrial urban area; Wine and Spirit licence; National Health Insurance panel; premises on sale or lease; ill health cause of sale; audited accounts available. Write **Wilfrid Dunn & Connell, Solicitors**, Bradford.

LATE NEWS

Proprietary Articles Trade Association.—Alterations to Protected List:—*Aspro, Ltd.*, Aspro, chemists' pack, five tablets 3d., 2s. 1d. doz., tax 4d. per doz., inclusive retail price 3d.; ten tablets 6d., 4s. 2d. doz., tax 8d. doz., i.r.p. 6d.; twenty-seven tablets 1s. 2d., 10s. doz., tax 1s. 8d. doz., i.r.p. 1s. 3d.; sixty tablets 2s. 3d., 18s. doz., tax 3s. doz., i.r.p. 2s. 6d. All prices net; bonus terms unchanged. Non-chemists' pack, box of forty-eight tapes each of five tablets, 9s. doz., tax 1s. 6d., i.r.p. one tape 3d., two tapes 6d.; twenty-seven tablets, 10s. 8d. doz., tax 1s. 9d. doz., i.r.p. 1s. 3d.; sixty tablets, 2s. 3d., 21s. doz., tax 3s. 6d. doz., i.r.p. 2s. 6d.

Trade Report

ASPIRIN.—Makers' prices are unchanged, as follows: Not less than 1 cwt. (28-lb. parcels), 2s. 8d. per lb. and under 1 lb. cwt. (28-lb. parcels), 3s. 3d.; 14 lb. and under 28 lb. (14-lb. parcels), 3s. 5d.; 7 lb. and under 14 lb. (7-lb. parcels), 3s. 6d.; 4 lb. and under 7 lb. (4-lb. parcels), 3s. 7d.; 1 lb. and under 4 lb. (1-lb. parcels), 3s. 10d. per lb. Sale subject to buyer's undertaking not to re-sell any quantity at prices or terms below scale for such quantity current at time of re-sale, or, if material is converted into tablets, not to sell any number of tablets at prices or terms below scale current at time of sale. **TABLETS.**—The following are makers' prices for bulk quantities: Under 5,000, 3s. 1d.; 5,000, 2s. 11d.; 10,000, 2s. 10d.; 25,000, 2s. 8d.; 50,000, 2s. 7d.; 100,000, 2s. 6d.; 250,000, 2s. 6d.; 500,000, 2s. 5d.; 1,000,000, 2s. 4d.; 2,000,000, 2s. 3d. per 1,000.

ATROPINE.—Makers quote as follows: **ALKALOID**, 21s. per oz.; 4 oz., 20s. 6d. and 25 oz., 20s. per oz. **SULPHATE**, 16s. 6d. per oz.; 4 oz., 16s.; and 25 oz., 15s. 6d. per oz. Bottles, under 5-gm. or 1-oz., corked, 3d.; stoppered, 5d.; 5-gm. to 25-gm. or 1-oz., corked, 3d.; stoppered, 5d.; 50-gm. or 2-oz., corked, 4d.; stoppered, 9d. each; 100-gm. and over, included in price; tubes, per 100, 5-gt., 10s. 6d.; 10-gt., 12s. 3d.; 15-gt., 14s.

BISMUTH SALTS.—The following are makers' prices for the two leading salts: **CARBONATE.**—1 cwt., 8s. 4d.; 28 lb., 8s. 7d.; 8 lb., 10s.; 4 lb., 10s. 9d.; under 4 lb., 11s. 3d. per lb. **SUBNITRATE.**—1 cwt., 7s. 3d.; 28 lb., 7s. 6d.; 8 lb., 8s. 8d.; 4 lb., 9s. 5d.; under 4 lb., 9s. 11d. per lb.

BROMIDES.—Makers' prices are as follows: 1 cwt. (28-lb. parcels), 2s. 9d. per lb.; 28 lb. and under 1 cwt. (28-lb. parcels), 3s. 4d.; 14 lb. and under 28 lb. (14-lb. parcels), 3s. 5d.; 7 lb. and under 14 lb. (7-lb. parcels), 3s. 6d.; 4 lb. and under 7 lb. (4-lb. parcels), 3s. 8d.; 1 lb. and under 4 lb. (1-lb. parcels), 3s. 11d. **Sodium**, id. per lb. extra; **Ammonium**, 3d. per lb. extra; packing is extra but returnable. Carriage paid in United Kingdom on minimum one-cwt. lots. Contracts over six months; each delivery against contract to be charged at schedule rates current on day of dispatch of goods. War-emergency clause and usual re-sale terms apply.

CODINE.—The following are makers' prices per oz.: **ALKALOID**, 1/2 oz., 43s. 3d.; 1 oz., 40s. 9d.; 2 oz., 39s. 3d.; 3 oz., 38s. 6d.; 4 oz., 38s. 3d. **PHOSPHATE**, 1/2 oz., 36s. 3d.; 1 oz., 33s. 9d.; 2 oz., 32s. 3d.; 3 oz., 31s. 6d.; 4 oz., 31s. 3d.

ETHERS (METHYLATED).—The following are makers' prices per lb. for winchester quartz: 0.750, 1s. 5d.; 0.735, 1s. 5d.; 0.730, 1s. 5d.; 0.725, 1s. 7d.; 0.725 (triply rectified), 2s. 0d.; 0.720, 1s. 8d.; 0.717, 2s. 2d.; 0.720 B.P. (not for anaesthesia), 1s. 10d. Larger quantities are at lower prices.

ARE YOU UNEMPLOYED AS A DIRECT RESULT OF THE WAR ? IF SO, READ THIS

In order to assist employees who have lost their employment, either through enemy action or through businesses being closed down in defence areas, a scheme of free advertisements in the "Situations Wanted" column of this Supplement will be available until further notice.

Any such employee of a retail pharmacist, whether qualified or not, or any employee of works producing or distributing products in connexion with the drug and associated industries is invited to make full use of this facility without charge.

Advertisements should be accompanied by particulars of lost employment and cause of its termination, and should be addressed to The Publisher, The Chemist and Druggist, The Pitman Press, Bath, to arrive not later than WEDNESDAY morning of week of issue.

WAR-TIME UNEMPLOYMENT SITUATIONS WANTED

The advertisements in this section are inserted free and are from advertisers who have lost their employment as a direct result of the war. Prospective employers are requested to give them special consideration.

Advertisers in this Section should advise us immediately employment has been secured.

RETAIL

EXPERIENCED Senior Man seeks position, retail or wholesale; over military age. Unqualified. Disengaged through war conditions. Satisfactory reference. CDB/754, London Office of this Paper.

DISPENSER-Secretary, Hall qualification; thoroughly experienced, seeks appointment. Hospital, Doctors, or Chemists. CDB/675, London Office of this Paper.

UNQUALIFIED Assistant, youth, 21, three years' experience retail, desires position wholesale or retail or in hospital, Great Britain or Ireland. Not liable for military service. CDB/740, London Office of this Paper.

WHOLESALE

B. PHARM., Ph.C. (25), Northern Irish, seeks position in B. Manufacturing, Works or Laboratory, with firm of sound reputation, preferably engaged in development of chemotherapy or serums. 387/230, London Office of this Paper.

REPRESENTATIVE, experienced, over military age, disengaged owing to Limitations of Supplies. Has for many years represented well-known houses in London and South, South-Western counties, also Northern area; chemists' connexion over 5,000. Resident in London; car driver; very anxious to resume work. 388/244, London Office of this Paper.

REPRESENTATIVE, twenty years' experience, Chemists, South Wales and West of England, seeks appointment; aged 50; own car. Late of Westminster Laboratories. Extensive personal connexion. CDB/750, London Office of this Paper.

SALES Manager, organiser, representative, over military age; twenty years' toilet trade with chemists' connexion; open for position marketing and introducing good beauty aids. First-class references. CDB/736, London Office of this Paper.

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